



# ADC药代动力学研究工具

## Anti-payload抗体及相关产品

抗体偶联药物（Antibody-drug conjugate, ADC）是一种创新的肿瘤治疗手段，通过将细胞毒性药物（Payload）与单克隆抗体偶联，实现高精度靶向杀伤肿瘤细胞。药代动力学（Pharmacokinetic, PK）是ADC药物开发生命周期中的关键环节。金斯瑞提供一系列高质量，高特异性的Anti-payload抗体以及ADC药物开发的抗独特型抗体、PK和ADA检测试剂盒、靶点蛋白和靶点细胞系等，为ADC药物开发过程的PK分析提供了强力工具和有效保障。

### 抗Payload抗体-产品亮点



#### 高特异性

精准识别目标Payload分子，无交叉反应，支持游离型/偶联型双重检测



#### 高质量性能

检测范围宽，线性好，灵敏度高

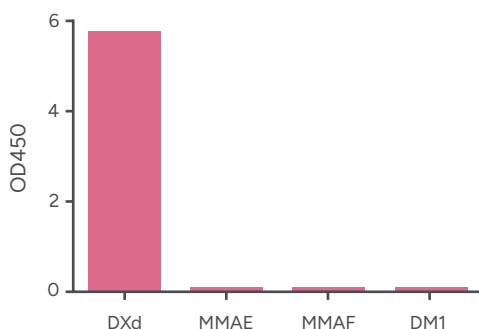


#### 严格验证与合规性

严格遵循ICH M10指南进行验证，并通过食蟹猴血清最小稀释倍数测试，确保符合国际标准

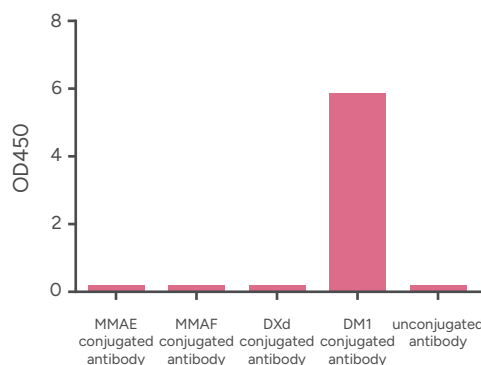
### 高特异性

ELISA Binding Assay of DXd Antibody (39F4) to Different Payloads



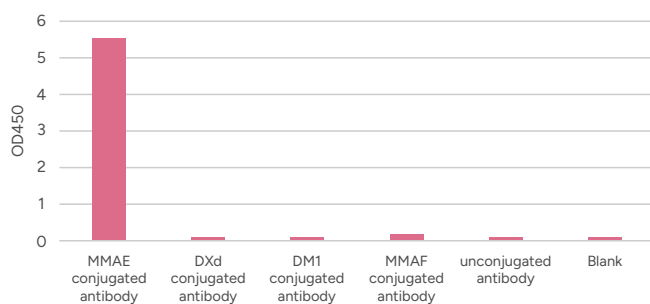
抗DXD抗体（A02217）可特异性识别DXD，且不与MMAE、MMAF及DM1发生反应。

ELISA Binding Assay of DM1 Antibody (15L2) to Different Payloads Conjugated Antibodies



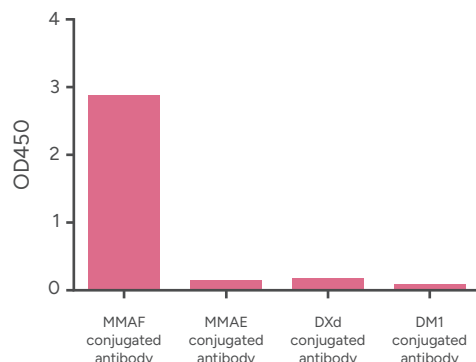
抗DM1抗体（A02223）可特异性识别DM1，且不与MMAE、MMAF、DXD或未偶联抗体发生反应。

ELISA Binding of MMAE Antibody (69F7) to Different Payloads Conjugated Antibodies Respectively



抗MMAE抗体（A02224）可特异性识别MMAE，且不与Dxd、DM1、MMAF及未偶联抗体发生反应。

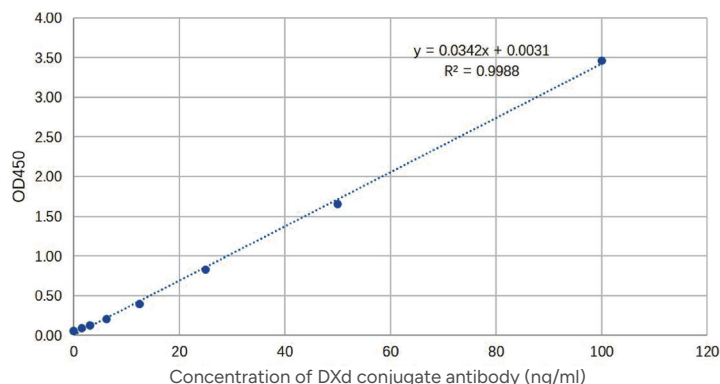
ELISA Binding Assay of MMAF Antibody (11B8) to Different Payloads Conjugated Antibodies



抗MMAF抗体（A02225）可特异性识别MMAF，且不与MMAE、Dxd及DM1发生反应。

## 应用一：抗Payload抗体和抗独特型抗体测定偶联抗体浓度

Standard curve of DXd conjugated antibody Sandwich ELISA by Anti-Trastuzumab Antibody (15H2) and DXd Antibody (39F4)



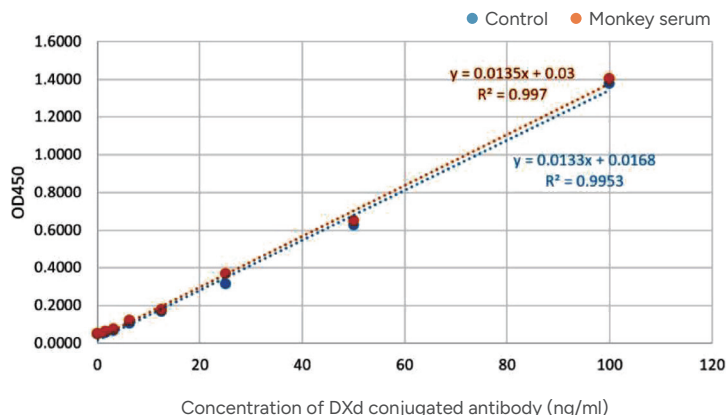
抗独特型抗体和抗DXd抗体夹心法ELISA测量DXd偶联曲妥珠单抗标准曲线。

捕获抗体：Anti-Trastuzumab Antibody (15H2), mAb, Mouse (GenScript, A02033)

检测抗体：DXd Antibody (39F4), mAb, Mouse (GenScript, A02217)

## 应用二：抗Payload抗体和抗人IgG Fc抗体测定偶联抗体浓度

Standard curve of DXd conjugated antibody Sandwich ELISA by Anti-Human IgG Fc Antibody and A02217 in monkey serum



抗人IgG Fc抗体和抗DXd抗体夹心法ELISA测量猴血清中DXd偶联曲妥珠单抗浓度标准曲线。

捕获抗体：DXd Antibody (39F4), mAb, Mouse (GenScript, A02217)

检测抗体：Mouse Anti-Human IgG Fc Antibody (50B4A9)[HRP], mAb (GenScript, A01854)

检测样本：DXd偶联的曲妥珠单抗。

# 产品列表

## Anti-Payload 抗体

| 产品编号   | 产品名称                             |
|--------|----------------------------------|
| A02217 | DXd Antibody (39F4), mAb, Mouse  |
| A02223 | DM1 Antibody (15L2), mAb, Mouse  |
| A02224 | MMAE Antibody (69F7), mAb, Mouse |
| A02225 | MMAF Antibody (11B8), mAb, Mouse |

## 药代动力学检测试剂盒

| 产品编号   | 产品名称                                    |
|--------|-----------------------------------------|
| L00972 | DXd ADC Pharmacokinetic ELISA Kit       |
| L00991 | MMAE ADC Pharmacokinetic ELISA Kit      |
| L00968 | Pembrolizumab Pharmacokinetic ELISA Kit |
| L00969 | Bevacizumab Pharmacokinetic ELISA Kit   |
| L00970 | Trastuzumab Pharmacokinetic ELISA Kit   |
| L00978 | Pertuzumab Pharmacokinetic ELISA Kit    |

## 免疫原性检测试剂盒

| 产品编号   | 产品名称                                              |
|--------|---------------------------------------------------|
| L00971 | Pembrolizumab Immunogenicity Kit (Bridging ELISA) |
| L00979 | Pertuzumab Immunogenicity Kit (Bridging ELISA)    |
| L01007 | Trastuzumab Immunogenicity Kit (Bridging ELISA)   |

## 抗独特型抗体

| 药物靶点                          | 抗独特型抗体货号                                               |
|-------------------------------|--------------------------------------------------------|
| Abatacept/阿巴西普/恩瑞舒            | A02262, A02263                                         |
| Adalimumab/阿达木单抗/修美乐          | A01954, A01955, A01956, A01921, A01922, A01923, A01886 |
| Atezolizumab/阿替利珠单抗/泰圣奇       | A01948, A01949, A01950, A01984, A01985, A01986         |
| Avelumab/阿维单抗/百稳益             | A02121, A02120                                         |
| Bevacizumab/贝伐珠单抗/安维汀         | A01975, A01976, A01977, A01895, A01962, A01896, A01887 |
| Certolizumab pegol/培塞利珠单抗/希敏佳 | A02268, A02269                                         |
| Cetuximab/西妥昔单抗/爱必妥           | A01939, A01938, A01991, A01992, A01993                 |
| Daratumumab/达雷妥尤单抗/兆珂         | A01996, A01997, A01998, A02009                         |
| Denosumab/地舒单抗/普罗力            | A02101, A02102                                         |
| Dupilumab/度普利尤单抗/达必妥          | A02098, A02097, A02062                                 |
| Durvalumab/度伐利尤单抗/英飞凡         | A02029, A02030, A02031, A02010                         |

抗独特型抗体

| 药物靶点                     | 抗独特型抗体货号                                                       |
|--------------------------|----------------------------------------------------------------|
| Eculizumab/依库珠单抗/舒立瑞     | A02115, A02116                                                 |
| Etanercept/依那西普/恩利       | A02114, A02113                                                 |
| Golimumab/戈利木单抗/欣普尼      | A02093                                                         |
| Infliximab/英夫利西单抗/类克     | A02040, A02041, A02061                                         |
| Ipilimumab/伊匹单抗/益伏       | A01859, A01961, A01858                                         |
| Ixekizumab/依奇珠单抗/拓咨      | A02264, A02265                                                 |
| Nivolumab/纳武利尤单抗/欧狄沃     | A01847, A01965, A01848, A01987, A01988, A01989, A01990, A01931 |
| Obinutuzumab/奥妥珠单抗/佳罗华   | A01945, A01946, A01947, A01966, A01967, A01968, A01933         |
| Ocrelizumab/奥利珠单抗        | A02258, A02259                                                 |
| Omalizumab/奥马珠单抗/茁乐      | A02095, A02094, A02096, A02060                                 |
| Palivizumab/帕利珠单抗/西那吉斯   | A02112, A02111, A02064                                         |
| Panitumumab/帕尼单抗/维克替比    | A02100, A02099, A02063                                         |
| Pembrolizumab/帕博利珠单抗/可瑞达 | A01844, A01845, A02008, A02007, A01960, A01853, A01846         |
| Pertuzumab/帕妥珠单抗/帕捷特     | A02150, A02151, A02208, A02209                                 |
| Ranibizumab/雷珠单抗/诺适得     | A02035, A02036, A02037                                         |
| Rituximab/利妥昔单抗/美罗华      | A01969, A01970, A01971, A01942, A01943, A01944, A01918         |
| Sarilumab/沙利鲁单抗          | A02042, A02043, A02044, A02122                                 |
| Secukinumab/司库奇尤单抗/可善挺   | A02152, A02153                                                 |
| Teclistamab/特立妥单抗        | A02253, A02254                                                 |
| Tocilizumab/托珠单抗/雅美罗     | A01978, A01979, A01980, A01932                                 |
| Trastuzumab/曲妥珠单抗/赫赛汀    | A02032, A02033                                                 |
| Ustekinumab/乌司奴单抗/喜达诺    | A02118, A02117, A02119, A02123                                 |
| Zolbetuximab/唑贝妥昔单抗      | A02260, A02261                                                 |
| Mosunetuzumab/莫妥珠单抗      | A02290, A02291, A02292                                         |
| Lecanemab/仑卡奈单抗          | A02270, A02271                                                 |
| Evolocumab/依洛尤单抗/瑞百安     | A02293, A02294                                                 |
| Muromonab/OKT3           | A02312, A02313                                                 |
| Risankizumab             | A02321, A02322                                                 |
| Vedolizumab              | A02324, A02325, A02326                                         |

靶点蛋白

| 靶点       | 产品名称                                               | 产品编号   |
|----------|----------------------------------------------------|--------|
| CD3      | CD3E&CD3D/CD3 epsilon&CD3 delta, His, Human        | Z03816 |
|          | CD3E/CD3 epsilon hFc Chimera, Human                | Z03991 |
|          | CD3E/CD3 epsilon, His, Human                       | Z04007 |
|          | CD3E&CD3G/CD3 epsilon&CD3 gamma hFc Chimera, Human | Z03989 |
|          | CD3E&CD3G/CD3 epsilon&CD3 gamma, His, Human        | Z03988 |
|          | CD3E&CD3D/CD3 epsilon&CD3 delta hFc Chimera, Human | Z03987 |
| EGFR     | EGFR/HER1, His, Rhesus macaque                     | Z03923 |
|          | EGFR/HER1, His, Mouse                              | Z03922 |
|          | EGFR/HER1[FITC], His & Avi, Human                  | Z03921 |
|          | EGFR/HER1[Biotin], His & Avi, Human                | Z03920 |
|          | EGFR/HER1, His & Avi, Human                        | Z03918 |
|          | EGFR/HER1 hFc Chimera, Human                       | Z03919 |
| Her2     | Her2/ErbB2, His & Avi, Human                       | Z03806 |
|          | Her2/ErbB2, His, Mouse                             | Z03904 |
|          | Her2/ErbB2, His, Cynomolgus                        | Z03903 |
|          | Her2/ErbB2 Domain 4[Biotin], His & Avi, Human      | Z03902 |
|          | Her2/ErbB2[Biotin], His & Avi, Human               | Z03901 |
|          | Her2/ErbB2 Domain 4, His & Avi, Human              | Z03899 |
|          | Her2/ErbB2 (S310F), His, Human                     | Z03898 |
|          | Her2/ErbB2 hFc Chimera, Human                      | Z03900 |
| Trop2    | TROP-2/TACSTD2, His, Human                         | Z03807 |
|          | TROP-2/TACSTD2, His, Rat                           | Z03844 |
|          | TROP-2/TACSTD2, His, Mouse                         | Z03843 |
|          | TROP-2/TACSTD2, His, Cynomolgus                    | Z03842 |
|          | TROP-2/TACSTD2[Biotin], His & Avi, Human           | Z03841 |
|          | TROP-2/TACSTD2 hFc Chimera, Human                  | Z03840 |
| CLDN18.2 | CLDN18.2, His, Human                               | Z03504 |

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靶点细胞系

| 靶点          | 细胞系名称               | 产品编号    |
|-------------|---------------------|---------|
| B7-H3       | CHO-K1/B7-H3        | M00536  |
| Claudin18.2 | CHO-K1/CLDN18.2     | M00916  |
| CD20        | CHO-K1/CD20         | RD00803 |
| CD19        | CHO-K1/CD19         | RD00804 |
| GPC3        | CHO-K1/GPC3         | RD00811 |
| GPC3        | CHO-K1/Cyno GPC3    | RD00880 |
| ROR1        | CHO-K1/ROR1         | RD00843 |
| TROP2       | CHO-K1/TROP2        | RD00906 |
| CEACAM5     | CHO-K1/CEACAM5      | RD00943 |
| CEACAM5     | CHO-K1/Cyno CEACAM5 | RD00944 |
| DLL3        | CHO-K1/DLL3         | RD00952 |

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二抗

| 产品编号   | 产品名称                                                   |
|--------|--------------------------------------------------------|
| V06801 | Human Kappa Light Chain                                |
| V06901 | Human Lambda Light Chain                               |
| A02257 | Mouse Anti-Human IgG Fc Antibody (50B4A9), mAb         |
| A01854 | Mouse Anti-Human IgG Fc Antibody (50B4A9)[HRP], mAb    |
| A01855 | Mouse Anti-Human IgG Fab Antibody (12H3C4A6)[HRP], mAb |

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