

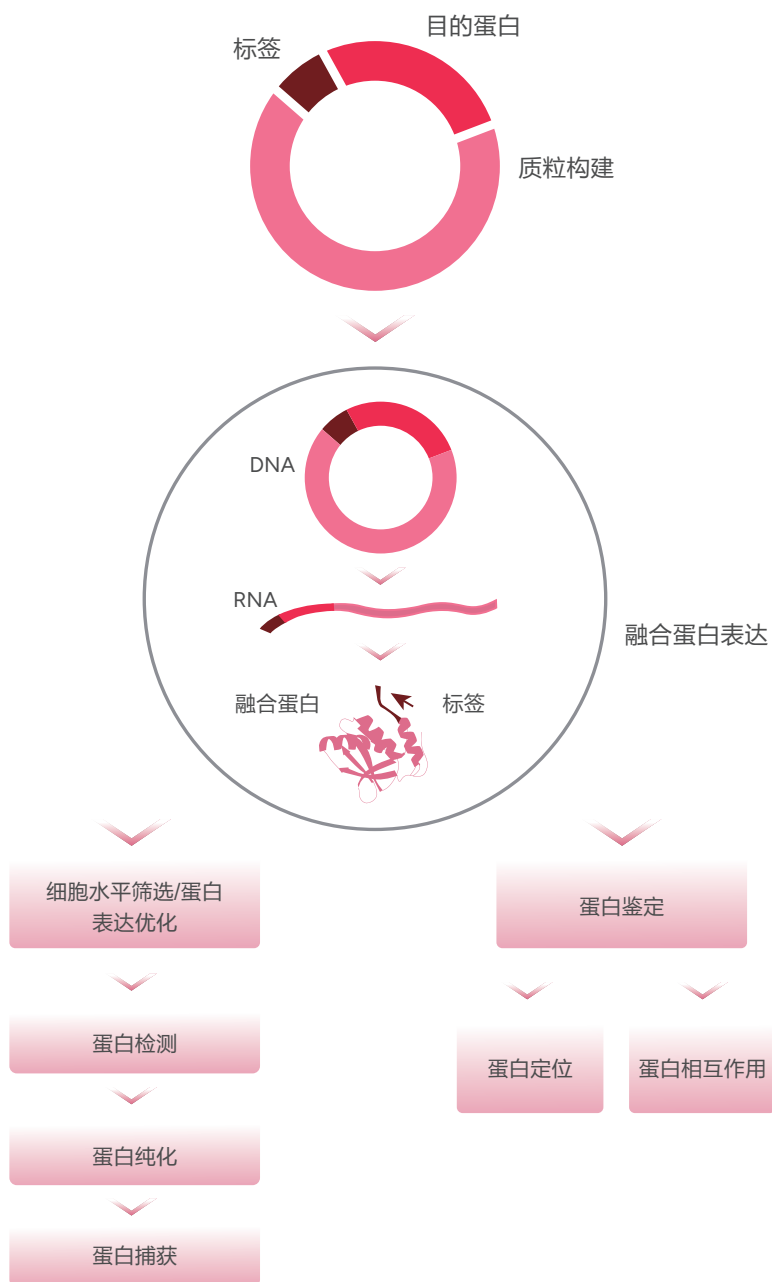


# 标签抗体

丰富产品选择  
助力您的蛋白质研究

# 蛋白标签

通过 DNA 重组技术，科研人员可以构建表达目的基因并含有标签的融合蛋白。标签的应用使得目的蛋白的筛选、检测和纯化变得简单，无需为每一个新蛋白开发一个特异性抗体。最常用的蛋白标签包括 His、GST、Flag、cMyc、HA、V5、strep II。



标签在蛋白质研究中的应用

## 常用蛋白标签

标签	氨基酸个数	序列/分子量	描述
His	6	HHHHHH	易于整合到各种表达载体中；广泛用于蛋白纯化；低免疫原性；His 标签蛋白是抗体生产的理想抗原。
Strep Tag II	9	NWSHPQFEK	推荐用于做功能研究的重组蛋白；可通过亲和层析纯化目的蛋白。
Flag	8	DYKDDDDK	与其他标签相比更亲水；不会使融合蛋白变性或失活；易于与其他亲和标签一起使用。
GST	211	26 kDa	相对较大的蛋白标签；有助于增加融合蛋白的溶解度；可以增强重组蛋白在大肠杆菌系统中的表达。
HA	9	YPYDVPDYA	推荐用于做功能研究的重组蛋白。
V5	14	GKPIPNPLLGLDST	常用于哺乳动物和昆虫表达系统。
c-Myc	10	EQKLISEEDL	广泛用于免疫沉淀、蛋白质印迹和免疫荧光分析的标签。

## 标签抗体

金斯瑞提供 70+ 高质量的标签抗体，涵盖 20 多种蛋白标签。每个抗体都经过预验证适用于多种免疫分析实验，例如，蛋白质印迹分析、免疫沉淀、免疫荧光和亲和纯化。我们的标签抗体生产通过了一系列严格的质量控制，可确保最佳的灵敏度和一致的优越表现。

## 产品特点



高特异性



高灵敏度



卓越的一致性



应用广泛



优选兔抗系列

HRP  
BIOTIN  
FITC  
iFluor

多种标记可选



可大量供应



严格质量控制

## 常用标签抗体-选择指南

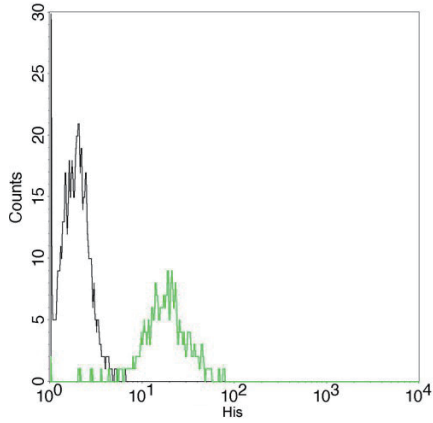
标签	抗体类型	非标记	标记物					
			HRP	Biotin	FITC	iFluor 488	iFluor 555	iFluor 647
His	mAb, Mouse	A00186	A00612	A00613	A01620	A01800	A01801	A01802
	mAb, Rabbit	A01857						
	pAb, Rabbit	A00174		A00205				
Strep Tag II	mAb, Mouse	A01732	A01742	A01737	A01736			
	pAb, Rabbit	A00626	A00875					
Flag	mAb, Mouse	A00187	A01428	A01429	A01632	A01809	A01810	A01811
	mAb, Rabbit	A01868	A01869	A01870	A01871			
	pAb, Rabbit	A00170						
GST	mAb, Mouse	A00865	A00866	A00867				
	pAb, Rabbit		A00130	A00202				
HA	mAb, Mouse	A01244	A01296		A01621	A01806		A01808
	mAb, Rabbit	A01963		A02002				
	pAb, Goat	A00169						
V5	mAb, Mouse	A01724	A01733	A01735		A01803	A01804	A01805
	pAb, Rabbit	A00623	A00877					
c-Myc	mAb, Mouse	A00704	A00863	A00864				
	pAb, Rabbit	A00172	A00173					

金斯瑞可根据您的要求定制现有的目录标签抗体。

例如，g 级供应，定制储存液组分，更高的内毒控制，液体形式发货等。

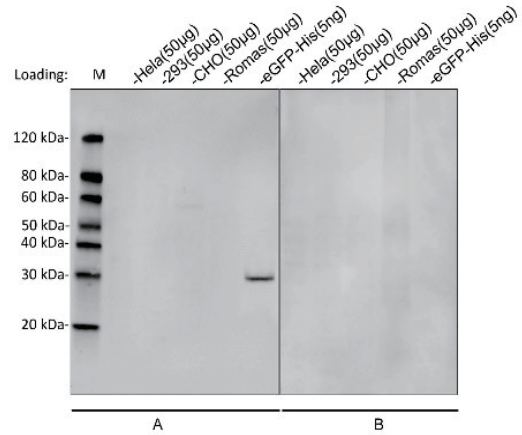
## 产品表现

### 高特异性



Flow cytometric analysis of non-transfected or His fusion gene transfected CHO cells using **THE™ His Tag Antibody, mAb, Mouse (GenScript, A00186)** (black and green, respectively).

The signal was developed with FITC conjugated Goat Anti-Mouse IgG.



Western blot analysis of cross-reactivity of **MonoRab™ Anti-His Tag (C-term) Antibody (25B6E11), mAb, Rabbit (A01857-40)**

Primary Antibody:

A: MonoRab™ Anti-His Tag Antibody (A01857-40) 1 µg/mL

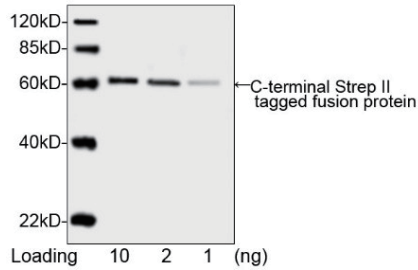
B: Rabbit IgG (Negative control) 1 µg/mL

Secondary Antibody:

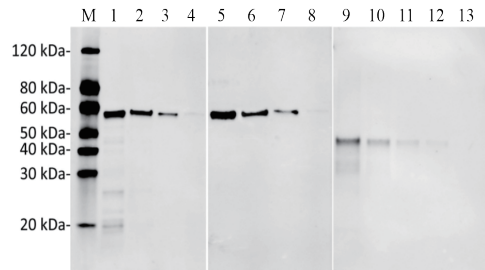
Goat anti-Rabbit IgG (H&L) [IRDye800] (Licor,926-32211)

0.125 µg/mL

### 高灵敏度



Western blot analysis of C-terminal Strep II tagged fusion protein using **THE™ NWSHPQFEK Tag Antibody, mAb, Mouse (GenScript, A01732, 0.2 µg/mL)**. The signal was developed with IRDye™ 800 Conjugated affinity Purified Goat Anti-Mouse IgG.



Sensitivity and specificity of **MonoRab™ DYKDDDDK Tag**

**Antibody, mAb, Rabbit (A01868-40)** to DYKDDDDK-tag fusion protein by Western blot Loading:

A: N-terminal DYKDDDDK-tagged fusion protein (25 ng, 10 ng, 5 ng)

B: C-terminal DYKDDDDK-tagged fusion protein (25 ng, 10 ng, 5 ng)

C: Internal positions DYKDDDDK-tagged fusion protein (50 ng, 25 ng, 10 ng, 5 ng)

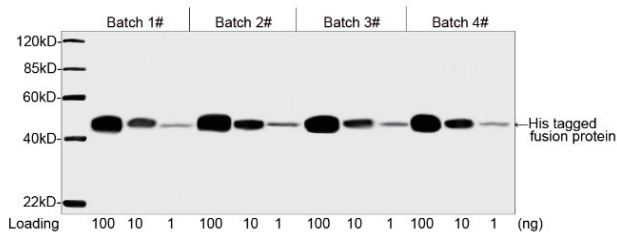
Primary Antibody:

MonoRab™ DYKDDDDK Tag Antibody, mAb, Rabbit (A01868-40) 0.2 µg/mL

Secondary Antibody:

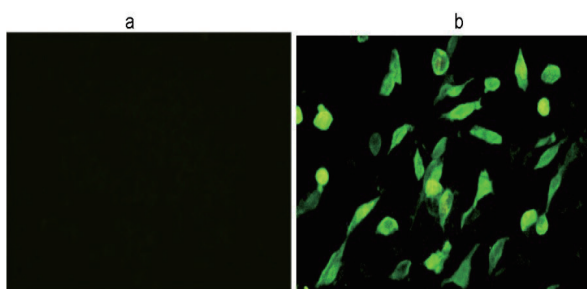
Goat anti-Rabbit IgG (H&L) [IRDye<sup>800</sup>] (Licor,926-32211) 0.125 µg/mL

## 高批间一致性



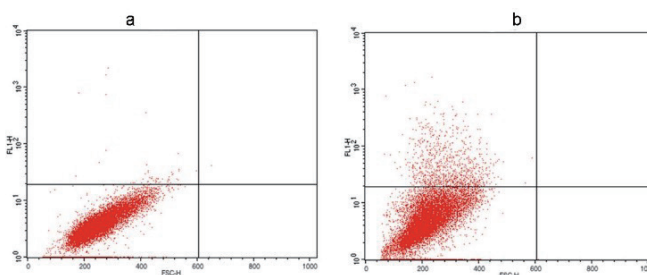
Consistency analysis of Batch 1#, 2#, 3# and 4# of **THE™ His Tag Antibody, mAb, Mouse** (GenScript, **A00186**, 1 µg/mL) by Western blot, showing that signal remains consistent from Lot to Lot. The assay was performed with His-tagged fusion protein. The signal was developed with IRDye™ 800 Conjugated Goat Anti-Mouse IgG.

## 广泛应用



Immunocytochemistry/Immunofluorescence analysis of non-transfected CHO cells (a) or His-tagged protein transfected CHO cells (b)

Using **THE™ His Tag Antibody [iFluor 488], mAb, Mouse** (**A01800-100**, 4 µg/mL).



Flow cytometry analysis of non-transfected CHO cells (a) and V5 fusion gene transfected CHO cells (b) using **THE™ V5 Antibody, mAb, Mouse** (**GenScript, A01724**). The signal was developed with FITC conjugated Goat Anti-Mouse IgG.

## 寻找更多的标签抗体?

金斯瑞还提供针对以下标签的抗体。从常用的到不常见的标签，总有一种标签抗体适合您!

Avi-tag	B-tag	CBP-tag	cGFP-tag	DDDDK-tag	E-tag
Fc-tag	GFP	MBP-tag	Protein C-tag (HPC4)	RFP-tag	S1-tag
SNAP-tag	SUMO-tag	Trx-tag	Ty1-tag	VSV-G-tag	

## 相关产品

### 标签蛋白分离与纯化

产品类型	产品名称	货号
Resin	Ni-IDA Resin	L00223I
	Ni Resin FF	L00465
	High Affinity Ni-Charged Resin FF	L00666
	MonoRab™ Anti-DYKDDDDK Affinity Resin	L00766
	Anti-DYKDDDDK G1 Affinity Resin	L00432
	Anti-DYKDDDDK IP Resin	L00425
	Glutathione Resin	L00206
Magnetic Beads	Ni-charged MagBeads	L00295
	AmMag™ Ni Magnetic Beads	L00776
	MonoRab™ Anti-DYKDDDDK Magnetic Beads	L00835
Kit	GST Fusion Protein Purification Kit	L00207

### 标签蛋白检测

产品名称	货号
His Tag ELISA Detection Kit	L00436
His Tag Antibody Plate (black, 96 wells, non-removable)	L00440B
His Tag Antibody Plate (clear, 8 wells × 12 strips)	L00440C
His Tag Antibody Plate (white, 96 wells, non-removable)	L00440W
DYKDDDDK Tag Antibody Plate (black, 96 wells, non-removable)	L00455B
DYKDDDDK Tag Antibody Plate (clear, 8 wells × 12 strips)	L00455C
DYKDDDDK Tag Antibody Plate (white, 96 wells, non-removable)	L00455W
GST tag ELISA Detection Kit	L00411

### 标签去除

产品名称	货号
Enterokinase, His, Bovine	Z03004
TEV Protease, His	Z03030
HRV-3C Protease, His Tag	Z03092

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网址：[www.genscript.com.cn](http://www.genscript.com.cn)

邮箱：[product@genscript.com.cn](mailto:product@genscript.com.cn)

咨询电话：400-025-8686分机5810

售后电话：400-025-8686分机6707