

Rev05
Update: Nov,03,2023

DATASHEET

THE™ V5 Tag Antibody [Biotin], mAb, Mouse

Cat. No.: A01735

Overview

Specificity	THE™ V5 Tag Antibody [Biotin], mAb, Mouse recognizes N-terminal and C-terminal V5 tagged fusion proteins.
Host Species	Mouse
Immunogen	V5 tag peptide conjugated to KLH
Conjugate	Biotin

Applications

Working concentrations for specific applications should be determined by the investigator. The appropriate concentrations may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

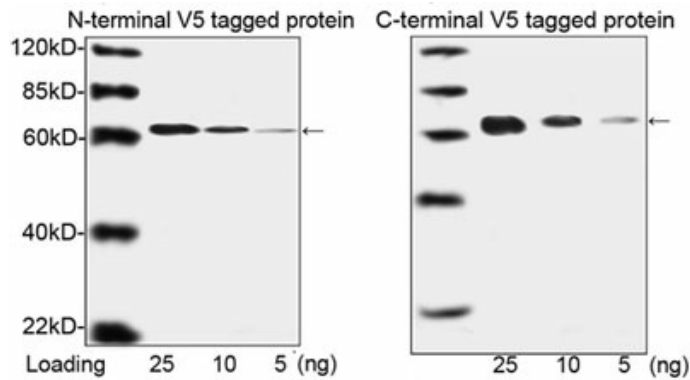
Application	Recommended Usage
ELISA	0.005-0.05 µg/ml
Western Blot	0.2-1 µg/ml

Properties

Form	Lyophilized
Storage Buffer	lyophilized with PBS, pH 7.4, containing 10 mg/mL BSA and 0.02% sodium azide.
Reconstitution	Reconstitute the lyophilized powder with deionized water (or equivalent) to an final concentration of 0.5 mg/mL.
Storage Instructions	The lyophilized product remains stable for up to 1 year at -20 °C from the date of receipt. Upon reconstitution, it can be stored for 2-3 weeks at 2-8 °C or for up to 12 months at -20 °C or below. Avoid repeated freezing and thawing cycles.
Purification	Protein A affinity column

Isotype	Mouse IgG2a, κ
Clonality	Monoclonal
Clone ID	4C12E11

Examples



Western blot analysis of N-terminal V5 tagged fusion protein and C-terminal tagged fusion protein using **THE™ V5 Tag Antibody [Biotin], mAb, Mouse (A01735, 1 μ g/ml)**. The signal was developed with Streptavidin-HRP conjugate (GenScript, 1:5,000, M00091) and LumiSensor™ HRP Substrate Kit (GenScript, L00221)

Background

Target Background : V5 epitope tag (GKPIPPLLGLDST) is derived from a small epitope which presents on the P and V proteins of the paramyxovirus of simian virus 5 (SV5). GenScript THE™ V5 Tag Antibody [Biotin], mAb, Mouse is THE™ V5 Tag Antibody (A01724) conjugated with biotin. The conjugated antibody is suitable for detecting the expression level of V5 Tagged fusion proteins.

Synonyms : THE™ V5 Tag Antibody [Biotin], mAb, Mouse ;

For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.

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