

Rev05
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DATASHEET

THE™ NWSHPQFEK Tag Antibody [FITC], mAb, Mouse

Cat. No.: A01736

Overview

Specificity	THE™ NWSHPQFEK Tag Antibody [FITC], mAb, Mouse recognizes N-terminal and C-terminal Strep II tagged fusion proteins.
Host Species	Mouse
Immunogen	NWSHPQFEK peptide conjugated to KLH
Conjugate	Fluorescein (FITC)

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.

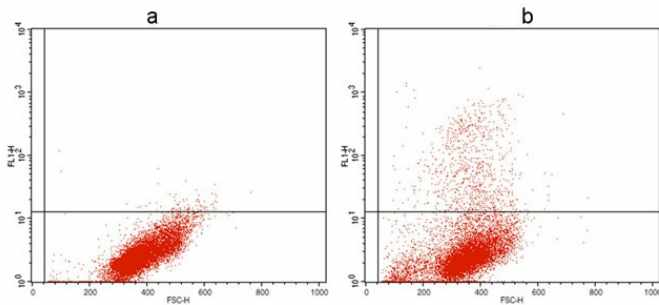
Application	Recommended Usage
Flow Cytometry	1-3 µg for 1 x 10 ⁶ cells
Immunocytochemistry/Immunofluorescence (ICC/IF)	1-3 µg/ml

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 IgG1, κ
Clonality	Monoclonal
Clone ID	5A9F9

Examples



Flow cytometric analysis of non-transfected CHO cells (a) or Strep II fusion protein transfected CHO cells (b) using **THE™ NWSHPQFEK Tag Antibody [FITC], mAb, Mouse** (Cat.No. A01736).

Background

Target Background : Streptavidin is a tetrameric protein purified from *Streptomyces avidinii*. It has wide use in numerous molecular biological protocols due to its strong affinity for biotin. Strep II tag (NWSHPQFEK) is a nine amino acid peptide with high specificity and affinity towards streptavidin. GenScript THE™ NWSHPQFEK Tag Antibody [FITC], mAb, Mouse is THE™ NWSHPQFEK Tag Antibody (A01732) conjugated with FITC. The conjugated antibody is suitable for detecting the expression level of NWSHPQFEK (Strep II tag) tagged fusion proteins.

Synonyms : THE™ NWSHPQFEK Tag Antibody [FITC], mAb, Mouse;

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

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