

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

Cat. No.: A01632

Overview

Specificity	GenScript THE™ DYKDDDDK Tag Antibody [FITC], mAb, Mouse recognizes C-terminal, N-terminal, and internal DYKDDDDK tagged fusion proteins.
Host Species	Mouse
Immunogen	A synthetic peptide DYKDDDDK coupled 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.

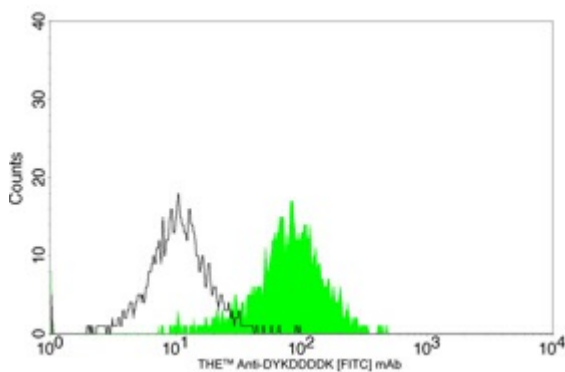
Application	Recommended Usage
Immunocytochemistry/Immunofluorescence (ICC/IF)	0.5-2 µg/ml
Flow Cytometry	0.5-2 µg for 1 x 10 ⁶ cells

Properties

Form	Lyophilized
Storage Buffer	lyophilized with PBS, pH 7.4, containing 1% BSA and 0.02% sodium azide
Reconstitution	Reconstitute the lyophilized powder with deionized water (or equivalent) to a 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 IgG2b, κ
Clonality	Monoclonal
Clone ID	5A8E5
Note	Briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap because small volumes of antibody will occasionally become entrapped in the seal of the product vial during shipment and storage.

Examples



Flow cytometric analysis of transfected HEK-293 cell expressing DYKDDDDK-tagged protein using THE™ Anti-DYKDDDDK [FITC] Monoclonal Antibody (GenScript, A01632; shaded histogram) or with a negative control antibody (open histogram).

Background

Target Background : GenScript THE™ DYKDDDDK Tag Antibody [FITC], mAb, Mouse is FITC conjugated THE™ DYKDDDDK Tag Antibody, mAb, Mouse (A000187) purified from mice ascites by Protein A affinity column. This product is suitable for detecting the expression level of DYKDDDDK fusion proteins by various immunoassays. Absorption Wavelength: 492 nm Emission Wavelength: 518 nm Fluorochrome/Protein Ratio: >3 moles FITC per mole antibody

Synonyms : THE™ Anti-DYKDDDDK [FITC] Monoclonal Antibody (Mouse); THE™ Anti-Flag [FITC] Monoclonal Antibody (Mouse);

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

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