

DATASHEET

Version: 2016-08-17

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

Cat. No.: A01621

Size: 100 µg

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

Description:

GenScript THE™ HA Tag Antibody [FITC], mAb, Mouse is FITC conjugated THE™ HA Tag Antibody, mAb, Mouse (A01244) purified from mice ascites by Protein A affinity column. This product is suitable for detecting the expression level of HA fusion proteins by various immunoassays.

Absorption Wavelength: 492 nm

Emission Wavelength: 518 nm

Fluorochrome/Protein Ratio: >3 moles FITC per mole antibody

Immunogen: A synthetic peptide YPYDVPDYA coupled to KLH

Host: Mouse

Conjugation: Fluorescein isothiocyanate (FITC)

Formulation:

1 mg/ml, lyophilized with PBS, pH 7.4, containing 1% BSA and 0.02% sodium azide

Clone: 5E11D8

Ig Subclass: IgG1, k

Specificity: GenScript THE™ HA Tag Antibody [FITC], mAb, Mouse recognizes C-terminal, N-terminal, and internal

HA tagged fusion proteins.

Purification: Protein A affinity column

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.

Immunofluorescence (IF): 0.5-2 µg/ml

Flow cytometry: 0.5-2 µg for 1 x 10⁶ cells

Other applications: User-optimized

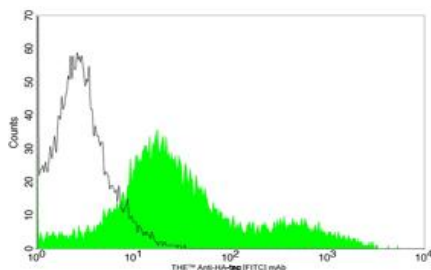
Reconstitution:

Reconstitute the lyophilized antibody with 100 µl of deionized water to the final concentration of 1 mg/ml.

Storage:

The antibody is stable in lyophilized form if stored at -20°C or below. The reconstituted antibody can be stored for 2-3 weeks at 2-8°C. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.

Example



Flow cytometric analysis of transfected HEK-293 cell expressing HA-tagged protein using THE™ Anti-HA-tag [FITC] Monoclonal Antibody (GenScript, A01621; shaded histogram) or with a negative control antibody (open histogram).