

Rev04
Update: Oct,19,2022**DATASHEET**

THE™ HA Tag Antibody [iFluor 488], mAb, Mouse

Cat. No.: A01806

Overview

Specificity	THE™ HA Tag Antibody [iFluor 488], mAb, Mouse recognizes N-terminal, internal and C-terminal HA-tagged proteins.
Host Species	Mouse
Immunogen	A synthetic peptide YPYDVPDYA coupled to KLH
Conjugate	iFluor 488

Applications

Working concentrations for specific applications should be determined by the investigator. The appropriate concentrations may be affected by 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.

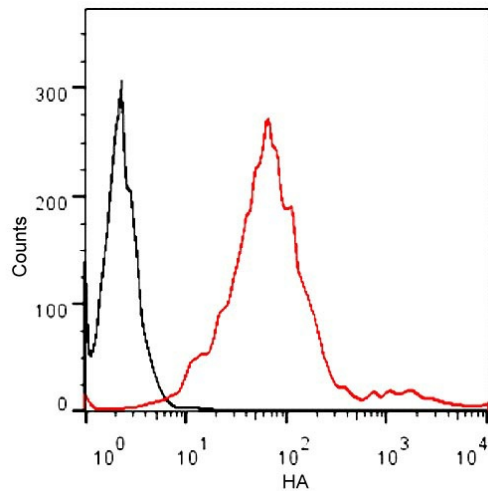
Application	Recommended Usage
Immunocytochemistry/Immunofluorescence (ICC/IF)	1-4 µg/ml
Flow Cytometry	1-4 µg/ml

Properties

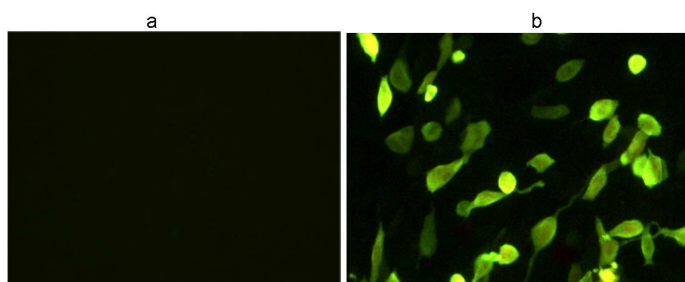
Form	Lyophilized
Storage Buffer	lyophilized with PBS, pH 7.4, containing 10 mg/mL BSA and 0.02% sodium azide.
Reconstitution	Reconstitute the lyophilized powder with deionized water (or equivalent) to an final concentration of 0.5 mg/mL.
Storage Instructions	The lyophilized product remains stable up to 2 year at -20°C from 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	5E11D8

Examples



Flow cytometric analysis of non-transfected CHO cells (Black) or HA-tagged protein transfected CHO cells (Red) using **THE™ HA Tag Antibody [iFluor 488], mAb, Mouse (A01806-100, 4 µg/ml)**.



Immunocytochemistry/Immunofluorescence analysis of non-transfected CHO cells (a) or HA-tagged protein transfected CHO cells (b) using **THE™ HA Tag Antibody [iFluor 488], mAb, Mouse (A01806-100, 4 µg/ml)**.

Background

Target Background : The HA tag is a polypeptide with the amino acid sequence YPYDVPDYA that can be added to a target protein using recombinant DNA technology. It can be fused to the N-terminus or C-terminus of the protein to facilitate detection and purification. An anti-HA tag antibody is a useful tool for the analysis of HA-tagged proteins. THE™ HA Tag Antibody [iFluor 488], mAb, Mouse is THE™ HA Tag Antibody (A01244) conjugated with iFluor 488 under optimal conditions with an F/P ratio of 4-8. It is suitable for detecting the expression level of HA-tagged proteins. iFluor 488 is a bright and photostable fluorescent dye. It is an excellent alternative to Alexa Fluor 488.

Synonyms : THE™ HA Tag Antibody [iFluor 488], mAb, Mouse; HA Tag Antibody [iFluor 488], mAb, Mouse; 488 conjugated HA antibody; 488 conjugated HA monoclonal antibody

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