

THE™ His Tag Antibody [iFluor 555], mAb, Mouse

Cat. No.: A01801

Overview

Specificity	THE™ His Tag Antibody [iFluor 555], mAb, Mouse recognizes N-terminal, internal and C-terminal His-tagged proteins.
Host Species	Mouse
Immunogen	A synthetic peptide HHHHHH coupled to KLH
Conjugate	iFluor 555

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

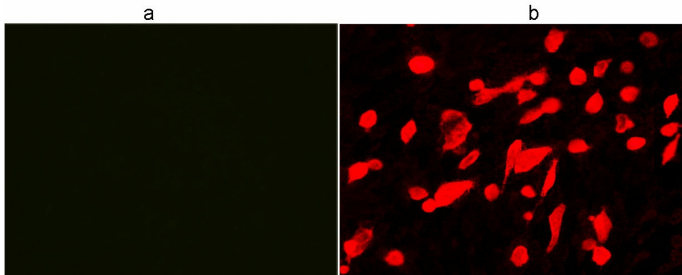
Properties

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

6G2A9

Examples



Immunocytochemistry/Immunofluorescence analysis of non-transfected CHO cells (a) and His-tagged protein transfected CHO cells (b)

using **THE™ His Tag Antibody [iFluor 555], mAb, Mouse** (A01801-100, 4 µg/ml).

Background

Target Background : The His tag is a short amino acid sequence consists of Histidine (His) residues appended to recombinant proteins. Ni-charged resins are used for the purification of His-tagged proteins from eukaryotic and prokaryotic expression systems. An anti-His tag antibody is a useful tool for the analysis of His-tagged proteins. THE™ His Tag Antibody [iFluor 555], mAb, Mouse is THE™ His Tag Antibody (A00186) conjugated with iFluor 555 under optimal conditions with an F/P ratio of 3-6. It is suitable for detecting the expression level of His-tagged proteins. iFluor 555 is a bright and photostable fluorescent dye. It is an excellent alternative to Alexa Fluor 555.

Synonyms : THE™ His Tag Antibody [iFluor 555], mAb, Mouse; His Tag Antibody [iFluor 555], mAb, Mouse; 555 conjugated His antibody; 555 conjugated His monoclonal antibody

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