

His Tag PE-conjugated Antibody

Monoclonal Mouse IgG₁ Clone # AD1.1.10

Catalog Number: IC050P

100 TESTS

DESCRIPTION			
Specificity	Detects proteins containing accessible consecutive histidine regions. The antibody detects His tags localized at the amino- or carboxyl-terminus.		
Source	Monoclonal Mouse IgG ₁ Clone # AD1.1.10		
Purification	Protein A or G purified from hybridoma culture supernatant		
Immunogen	His-tagged peptide		
Conjugate	Phycoerythrin Excitation Wavelength: 488 nm Emission Wavelength: 565-605 nm		
Formulation	Supplied in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details.		
	*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Shee (SDS) for additional information and handling instructions.		

APPLICATIONS

Please Note: Ontimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website

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	Recommended Concentration	Sample		
Intracellular Staining by Flow Cytometry	10 μL/10 ⁶ cells	See Below		

His Tag

Detection of His Tag in HEK293 Human Cell Line Transfected with His-tagged Protein by Flow Cytometry. HEK293 human embryonic kidney cell line transfected with His-tagged protein were stained with Mouse Anti-His Tag PE-conjugated Monoclonal Antibody (Catalog # IC050P, filled histogram) or isotype control antibody (Catalog # IC002P, open histogram). To facilitate intracellular staining, cells were fixed with Flow Cytometry Fixation Buffer (Catalog # FC004) and permeabilized with Flow Cytometry Permeabilization/Wash Buffer I (Catalog # FC005). View our protocol for Staining Intracellular Molecules.

PREPARATION AND STORAGE

Shipping The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage

Protect from light. Do not freeze.

• 12 months from date of receipt, 2 to 8 °C as supplied.

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