

His Tag PE-conjugated Antibody

Monoclonal Mouse IgG₁ Clone # AD1.1.10R Catalog Number: IC0501P

100 Tests

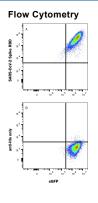
DESCRIPTION			
Specificity	Detects proteins containing accessible consecutive histidine regions. The antibody detects His tags located at the amino- or carboxyl-terminus		
Source	Monoclonal Mouse IgG ₁ Clone # AD1.1.10R		
Purification	Protein A or G purified from cell culture supernatant		
Immunogen	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 Shed (SDS) for additional information and handling instructions.		

APPLICATIONS

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

	Recommended Concentration	Sample
Flow Cytometry	10 μL/10 ⁶ cells	HEK293 cells transfected with Human ACE-2 and eGFP.

DATA



Detection of protein binding with Mouse anti-His Tag PE in HEK293 cells by Flow Cytometry In a functional flow cytometry test, recombinant SARS-CoV2 S1 RBD His-tagged protein (50 ng/mL, 10500-CV) binds to HEK293 cells transfected with Human ACE-2 and eGFP. (A) Protein binding was detected with Mouse Anti-His Tag PE conjugated Monoclonal Antibody (Catalog # IC0501P) or Mouse Anti-His Tag PE conjugated Monoclonal Antibody (Catalog # IC0501P) alone. View our protocol for View our protocol for Staining Membrane-associated Proteins

PREPARATION AND STORAGE

Shipping The product is shipped at ambient temperature. 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.

BACKGROUND

Consecutive histidine residues (usually 6 to 10 in length) are often inserted into the amino acid sequences of recombinant proteins. The resulting His-tagged proteins can be detected or purified by using anti-polyHis antibodies.

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