

For Research Use Only

PE-conjugated MYC tag Monoclonal antibody

Catalog Number: PE-60003-2



Basic Information

Catalog Number:

PE-60003-2

Source:

Mouse

Isotype:

IgG1

GenBank Accession Number:

GeneID (NCBI):

99

UNIPROT ID:

MYCTAG

Full Name:

Myc tag

Purification Method:

Protein G purification

CloneNo.:

1A5A2

Recommended Dilutions:

FC (Intra): 0.20 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

496 nm, 565 nm / 578 nm

Applications

Tested Applications:

FC (Intra)

Species Specificity:

recombinant protein

Positive Controls:

FC (Intra) : Transfected HEK-293 cells,

Background Information

Protein tags are protein or peptide sequences located either on the C- or N- terminal of the target protein, which facilitates one or several of the following characteristics: solubility, detection, purification, localization and expression. The c-Myc tag corresponds to amino acid residues(EQKLISEEDL) of the human c-Myc protein. It can be used for affinity chromatography, then used to separate recombinant, overexpressed protein from wild type protein expressed by the host organism. It can also be used in the isolation of protein complexes with multiple subunits. Myc-Tag mouse mAb detects recombinant proteins containing the Myc tag. The antibody recognizes the Myc-tag EQKLISEEDL fused to either the amino- or carboxy- terminus of targeted proteins.

Storage

Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3

For technical support and original validation data for this product please contact:

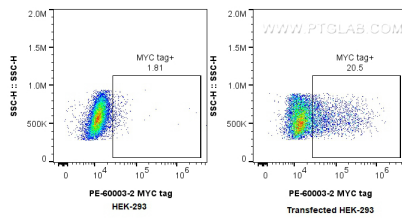
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ Transfected HEK-293 cells were intracellularly stained with 0.2 ug PE N/a MYC Tag Monoclonal Antibody (PE-60003-2, Clone:1A5A2), and 0.2 ug Isotype Control. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer.