Anti-HA.11 Epitope Tag

Catalog # / Size: 901513 / 200 µl
901514 / 500 µl
901515 / 1 ml

Previously: Covance Catalog# MMS-101R
Clone: 16B12
Isotype: Mouse IgG1, κ

Immunogen: Monoclonal antibody HA.11 (HA, 16B12, flu tag) was raised against the twelve amino acid peptide CYPYDVPDYASL.

Reactivity: YPYDVPDYA Tag

Preparation: Ascites

Concentration: The concentration is not quantified as this product is sold as undiluted crude mouse ascites fluid. The concentration might vary from lot-to-lot and an estimated concentration would be 1-3 mg/ml.

Storage: Store at -20°C. Upon initial thawing, apportion into working aliquots and store at -20°C. Avoid repeated freeze-thaw cycles to prevent denaturing the antibody. For long-term storage, keep the antibody at -80°C.

Applications:

Applications: WB, IF, IP
FC - Reported in the literature

Recommended Usage: Each lot of this antibody is quality control tested by Western blotting.

The optimal working dilution should be determined for each specific assay condition.

- WB: 1:1,000*
- IF: 1:1,000
- IP: 1:150

Application Notes: This antibody is effective in immunoblotting (WB), immunofluorescence (IF), and immunoprecipitation (IP) of tagged proteins.

*Our Posi-Tag Control Protein (Cat. No. 931301) can be used as a helpful positive control for this antibody.

This second-generation HA antibody is an excellent substitute for the 12CA5 monoclonal antibody. HA.11 recognizes the influenza hemagglutinin epitope (YPYDVPDYA) which has been used extensively as a general epitope tag in expression vectors. The extreme specificity of the antibody allows unambiguous identification and quantitative analysis of the tagged protein. The HA.11 antibody recognizes HA epitopes located in the middle of protein sequences as well as at the N- or C-terminus.

Application References:

RRID: AB_2565335 (BioLegend Cat. No. 901513)
AB_2565336 (BioLegend Cat. No. 901514)
AB_2565334 (BioLegend Cat. No. 901515)

Description: The HA tag (hemagglutinin) is an amino acid sequence derived from the human influenza hemagglutinin surface glycoprotein, corresponding to amino acids 98-106. It is commonly used as a tag to facilitate detection, isolation, and purification of proteins. The full amino acid sequence is: YPYDVPDYA.

Other Names: HA epitope tag, HA1, HA2, hemagglutinin, Hemagglutinin HA1 chain, Hemagglutinin HA2 chain, YPYDVPDYA, Hemagglutinin tag

Related Products:

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