
Anti-HA.11 Epitope Tag

Catalog # / Size: 5107570 / 500 μ l
5107565 / 200 μ l

5107575 / 1 ml

Clone: 16B12

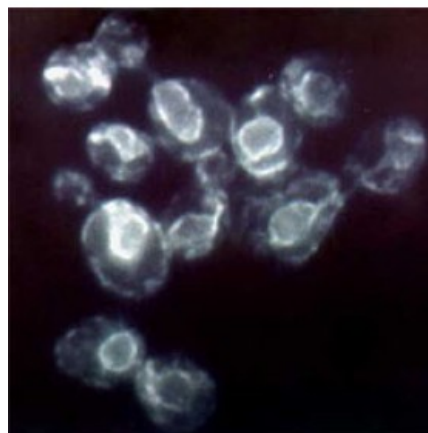
Isotype: Mouse IgG1, κ

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

Reactivity: Other

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.



Immunofluorescence of HA.11 tagged Sbhlp protein. Photo courtesy of J Brown and I Davis, UCSF.

Applications:

Applications: Other

Recommended Usage: Each lot of this antibody is quality control tested by Western blotting. For Western blotting, the suggested use of this reagent is a dilution of 1:1000 - 1:5000. For immunohistochemistry, the suggested use of this reagent is a dilution of 1:1,000 is suggested. For immunoprecipitation, the suggested use of this reagent is a dilution of 1:150 is suggested. It is recommended that the reagent be titrated for optimal performance for each application.

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:

1. Pecot MY, Malhotra V. 2004. *Cell*. 116:99.
2. Kim JY, *et al.* 2003. *J Neurosci*. 23:5561. (IP, WB)
3. Helliwell SB, *et al.* 2001. *J Cell Biol*. 153:649. (WB)
4. Bennett BD, *et al.* 2000. *J Biol Chem*. 275:37712. (IF, IP, WB)
5. Kolodziej P, Young R. 1991. *Meth Enzymol*. 194:508.
6. Field J, *et al.* 1988. *Mol Cell Biol*. 8:2159.
7. Royer Y, *et al.* 2005. *J. Biol. Chem*. 29:27251. (FC)
8. Smith BA, *et al.* 2012. *Genes Cancer*. 3:550. (IHC) [PubMed](#)

Description: The HA tag (hemagglutinin) is an amino acid sequence derived from the human

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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.