

FITC anti-HA.11 Epitope Tag Antibody (Previously Covance catalog# FITC-101L)

Catalog# / Size	901507 / 100 µL
Clone	16B12
Regulatory Status	RUO
Other Names	HA epitope tag, HA1, HA2, hemagglutinin, Hemagglutinin HA1 chain, Hemagglutinin HA2 chain, YPYDVPDYA, Hemagglutinin tag
Previously	Covance Catalog# FITC-101L
Isotype	Mouse IgG1, κ
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.

Product Details

Antibody Type	Monoclonal
Host Species	Mouse
Immunogen	Monoclonal antibody HA.11 was raised against the twelve amino acid peptide CYPYDVPDYASL.
Formulation	Phosphate-buffered solution + 0.03% Thimerosal + 50% Glycerol.
Preparation	The antibody was purified by affinity chromatography.
Concentration	1 mg/mL
Storage & Handling	Store between 2°C and 8°C.
Application	FC - Quality tested WB, ICC, IP - Verified
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. <ul style="list-style-type: none"> • WB: 1:1,000 • IF: 1:1,000 • IP: 1:150
Excitation Laser	Blue Laser (488 nm)
Application Notes	Additional tested and reported applications of the 16B12 clone for the relevant formats include: western blot (WB), immunocytochemistry (ICC), immunoprecipitation (IP), and flow cytometry (FC). *Our Posi-Tag Control Protein (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. The HA.11 antibody 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	<ol style="list-style-type: none"> 1. Kim JY, <i>et al.</i> 2003. <i>J Neurosci.</i> 23:5561. (IP, WB) 2. Helliwell SB, <i>et al.</i> 2001. <i>J Cell Biol.</i> 153:649. (WB) 3. Bennett BD, <i>et al.</i> 2000. <i>J Biol Chem.</i> 275:37712. (IF, IP, WB) 4. Royer Y, <i>et al.</i> 2005. <i>J. Biol. Chem.</i> 29:27251. (FC) 5. Smith BA, <i>et al.</i> 2012. <i>Genes Cancer.</i> 3:550. (IHC) PubMed
(PubMed link indicates BioLegend citation)	

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Product Citations

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RRID

AB_2565058 (BioLegend Cat. No. 901507)

Antigen Details

Biology Area

Cell Biology

Gene ID

NA

Related Protocols

[Western Blotting Protocol](#)

Other Formats

Anti-HA.11 Epitope Tag Affinity Matrix, Alexa Fluor® 488 anti-HA.11 Epitope Tag, Alexa Fluor® 594 anti-HA.11 Epitope Tag, Anti-HA.11 Epitope Tag, Biotin anti-HA.11 Epitope Tag, FITC anti-HA.11 Epitope Tag, Purified anti-HA.11 Epitope Tag, Alexa Fluor® 647 anti-HA.11 Epitope Tag, PE anti-HA.11 Epitope Tag, Direct-Blot™ HRP anti-HA.11 Epitope Tag, Ultra-LEAF™ Purified anti-HA.11 Epitope Tag, Brilliant Violet 421™ anti-HA.11 Epitope Tag, PE/Dazzle™ 594 anti-HA.11 Epitope Tag, PE/Cyanine7 anti-HA.11 Epitope Tag, Pacific Blue™ anti-HA.11 Epitope Tag, APC anti-HA.11 Epitope Tag, PerCP/Cyanine5.5 anti-HA.11 Epitope Tag, TotalSeq™-C1131 anti-HA.11 Epitope Tag, TotalSeq™-A1131 anti-HA.11 Epitope Tag, TotalSeq™-B1131 anti-HA.11 Epitope Tag

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