

Product datasheet for **AM09142PU-N**

HA Epitope Tag (YPYDVPDYA) Mouse Monoclonal Antibody [Clone ID: HA.C5]

Product data:

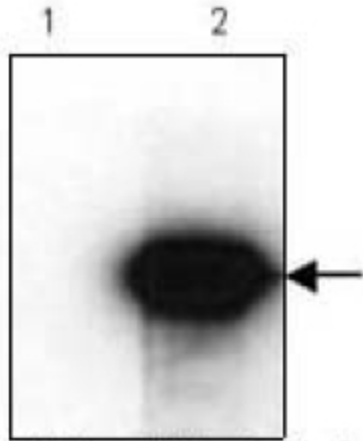
Product Type:	Primary Antibodies
Clone Name:	HA.C5
Applications:	IF, IP, WB
Recommended Dilution:	Western blot: 1/1,000-1/4,000. Immunoprecipitation: 1/200. Immunostaining: 1/200-1/400.
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG3
Clonality:	Monoclonal
Immunogen:	A synthetic peptide (YPYDVPDYA) from Influenza Hemagglutinin epitope coupled to KLH.
Specificity:	This monoclonal HA Tag antibody binds to HA-tagged recombinant protein in transfected mammalian cells.
Formulation:	PBS, pH 7.4 State: Purified State: Liquid purified IgG fraction Preservative: 0.05% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.



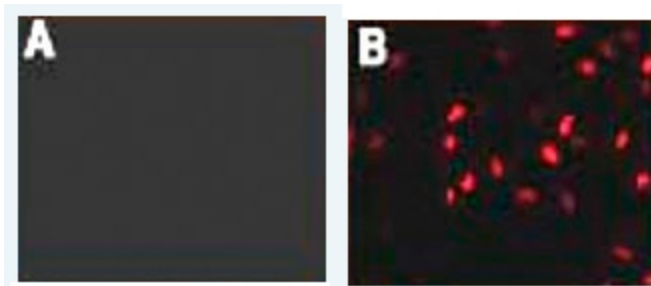
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Background:

Human influenza hemagglutinin (HA) is a surface glycoprotein required for the infectivity of the human virus. The HA tag is derived from the HA molecule corresponding to amino acids 98-106 has been extensively used as a general epitope tag in expression vectors. Many recombinant proteins have been engineered to express the HA tag, which does not appear to interfere with the bioactivity or the biodistribution of the recombinant protein. This tag facilitates the detection, isolation, and purification of the proteins.

Product images:

Western blot using HA tag antibody: Western blot analysis of 293 cells transfected with HA Tagged vector (Lane 2) and untransfected control (Lane 1).



Immunocytochemistry/Immuno-fluorescence using HA tag antibody: Immunofluorescence staining of HA Tag fusion protein (transcription factor) in a stable expressing cell line (B) and control cell line (A).