HA Tag Monoclonal Antibody

A02040

Product Information

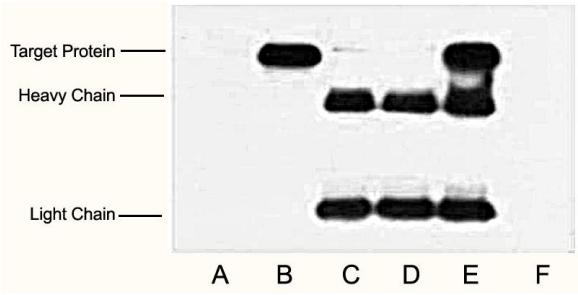
	Product Name: Anti-HA Tag Mouse Monoclonal Antibody (4F6)		
	Applications: WB, IF, IP		**Isotype:** Mouse IgG1
REF	**Catalog Number:** A02040	LOT	**Lot Number:** Refer to vial
	Formulation: Liquid		**Size:** 50ul/200ul/1ml/10ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		**Note:** 0.02% Sodium Azide

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.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:1,000-1:10,000), IF (1:200-1:1,000) and IP (1:100-1:400).

Storage Buffer: PBS, pH 7.4, containing 0.02% sodium azide as preservative and 50% glycerol as stabilizer.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.



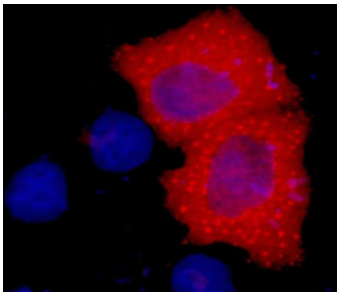


Fig. 1. IP (1:200) - WB (1:5,000) analysis of HA fusion protein expression in 293 cells. Untransfected 293 cell lysate (line A), transfected 293 cell lysate with HA-tag protein (line B); IP untransfected 293 cell lysate with Anti HA tag mAb (line C); IP transfected 293 cell lysate with normal Mouse IgG (line D), or with Anti HA tag mAb (line E), and IP transfected 293 without both normal Mouse IgG and HA tag mAb (line F). **Fig. 2.** IF staining (1:1,000) of HA fusion protein in 293 cells with red and counterstained with DAPI.

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