

hM5 HA-Tag(26D11)Mouse mAb 使用说明书

产品名称	单位	货号
M5 HA-Tag (26D11) mAb	50 μ l	MF084-T
M5 HA-Tag (26D11) mAb	100 μ l	MF084-01
M5 HA-Tag (26D11) mAb	200 μ l	MF084-02

【STORAGE】

Store at -20°C. Stable for one year from the date of shipment.

【BACKGROUND】

Plasmid vectors for the expression of coding regions of eukaryotic genes in bacterial, insect and mammalian hosts are in common usage; such expression vectors are frequently used to encode hybrid fusion proteins consisting of a eukaryotic target protein and a specialized region designed to aid in the purification and visualization of the target protein. For example, the pCDM8 expression vector and derivatives thereof encode fusions between the target protein and an 11 amino acid peptide derived from the influenza protein hemagglutinin (HA). The HA epitope tag is useful in Western blotting and immunohistochemical localization of expressed fusion proteins when examined with antibodies raised specifically against the HA-epitope tag.

【REFERENCES】

1. Hopp, T.P., Prickett, K.S., Price, V.L., Libby, R.T., March, C.J., Cerretti, D.P., Urdal, D.L. and Conlon, P.J. 1988. A short polypeptide marker sequence useful for recombinant protein identification and purification. *Nat. Biotechnol.* 6: 1204-1210.
2. Smith, D.B. and Johnson, K.S. 1988. Single-step purification of polypeptides expressed in *Escherichia coli* as fusions with Glutathione S-transferase. *Gene* 67: 31-40.

【SOURCE】

This monoclonal antibody is produced by immunizing animals with a synthetic peptide containing the influenza hemagglutinin epitope (YPYDVPDYA) (KLH-coupled).

【SPECIFICITY】

HA-Tag (26D11) Mouse mAb detects over-expressed proteins containing the HA epitope tag.

【REACTIVITY】

All

【ISOTYPE】

Mouse IgG1

IMPORTANT

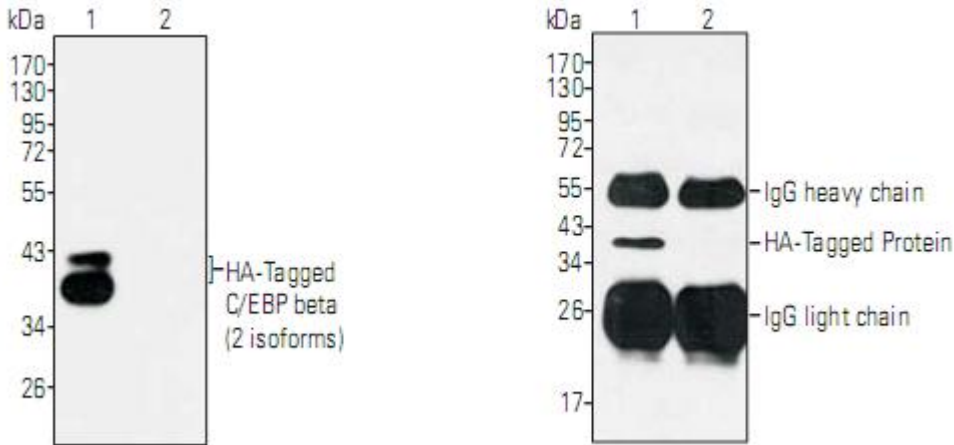
Use an anti-MOUSE secondary antibody to detect the 26D11 antibody.

RECOMMENDED ANTIBODY DILUTIONS

Western blotting	1:5000
Immunofluorescence	1:1000
Immunoprecipitation	1:100
ELISA	1:2000

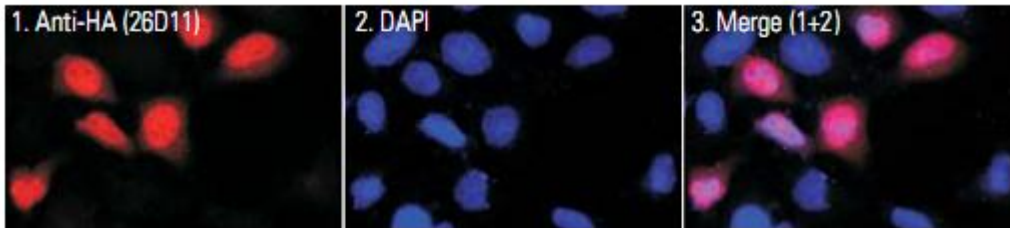
For Western blots, incubate membrane with diluted antibody in 5% w/v nonfat dry milk, 1X TBS, 0.05% Tween-20 at 4°C with gentle shaking, overnight.

APPLICATION DATA



Western blot analysis of 293T cells transfected (lane 1) with a HA-tagged protein and a mock transfection (lane 2, using the same protein without the HA-Tag), using HA-Tag (26D11) Mouse mAb at a 1:5000 dilution. Each lane was loaded with 10µg of cell lysate.

IP of extracts from 293T cells transfected (lane 1) with a HA-tagged protein and a mock transfection (lane 2, using the same protein without the HA tag), using HA-Tag (26D11) Mouse mAb and probed on Western blot using the same antibody. Dilution: 1:100(1), 1:100(2).



IF analysis of 293T cells transfected with a HA-tagged protein, using HA-Tag (26D11) Mouse mAb at a 1:1000 dilution.

【备注】

本产品仅供科研使用。在确认产品质量出现问题时，本公司承诺为客户免费更换等量的质量合格产品。