

Myc-tag (5D10) monoclonal antibody

Catalog: AP0031M

Host: Mouse

Reactivity: All

BackGround:

A myc tag is a polypeptide protein tag derived from the c-myc gene product that can be added to a protein using recombinant DNA technology. It can be used for affinity chromatography, then used to separate recombinant, overexpressed protein from wild type protein expressed by the host organism. It can also be used in the isolation of protein complexes with multiple subunits. The peptide sequence of the myc-tag is: N-EQKLISEEDL-C (1202 Da). It can be fused to the C-terminus and the N-terminus of a protein. It is advisable not to fuse the tag directly behind the signal peptide of a secretory protein, since it can interfere with translocation into the secretory pathway.

Product:

Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol

Molecular Weight:

N/A

Swiss-Prot:

N/A

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1:5000~10000

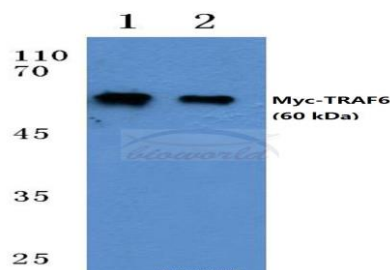
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

The antibody detects over-expressed or recombinant proteins containing the Myc epitope tag.

DATA:



Western blot (WB) analysis of over-expressed Myc-tagged protein in HEK293T cell lysate, the antibody dilutions are 1:5000 (lane 1) and 1:10000 (lane 2). Each lane was loaded with 10 µg of cell lysate.

Note:

For research use only, not for use in diagnostic procedure.

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