Anti-Myc Tag Rabbit Polyclonal Antibody

Catalog No.	Size
E022220-01	100µl
E022220-02	500µl
E022220-03	50µl

Specificity	Anti- Myc Tag
Source	Rabbit Polyclonal
Application	WB
Form	Liquid, 1 mg/ml

Background Information

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 as follows: N-EQKLISEEDL-C (1202 Da). It can be fused to the C-terminus and the N-terminus of a protein. It is also 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. A myc-tag can be used in many different assays that require recognition by an antibody.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. Suggested starting dilutions are as follows: Western Blot (1:1000-1:5000)

Source and Purification

This polyclonal antibody is produced by immunizing rabbits with a synthetic peptide corresponding to residues 410-419 (EQKLISEEDL) coupled to KLH. Antibodies are purified by protein A affinity chromatography.

Specificity and Sensitivity

Anti- Myc Tag Polyclonal Antibody recognizes proteins containing Myc tag fused to either amino- or carboxy-terminus expressed in mammalian cells.

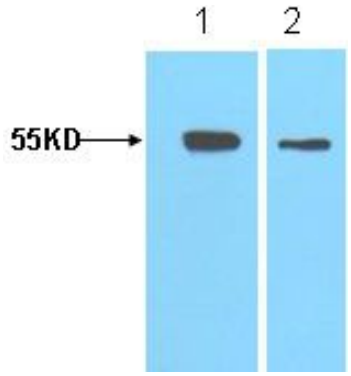
Storage Buffer

PBS, pH 7.4 with 0.05% sodium azide, 50% Glycerol.

Storage Instructions

Stable for 1 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. Aliquot will be stable at 4°C for 3 months.

Images



Multi Tag Recombinant protein (expressed in E.coli)
Anti- c-Myc PAB lane 1: 1:5000 lane 2 1:10000