

Anti-c-Myc Antibody

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1. Product Description

Product Description: The c-Myc protein contains a bHLH domain and plays a very important role in normal organismal development and tumorigenesis. c-Myc is a crucial transcription factor whose abnormal expression can promote the occurrence and development of various cancers. Fusing the 410-419 amino acid sequence (EQKLSEEDL) of human p62 c-Myc protein to the N-terminus or C-terminus of a target protein enables accurate detection, localization, and purification of the target protein.

Antibody Source: Mouse

Cross-Reactivity: c-Myc tag fusion proteins

Clone Type: Monoclonal Antibody

Isotype: IgG2A

Source: Recombinant antibody expressed in 293 cells Purification

Method: rProtein A affinity purification

Product Purity: ≥95%, as determined by SDS-PAGE

Storage Buffer: 1× PBS (pH 7.4), 0.02% sodium azide, 50% glycerol

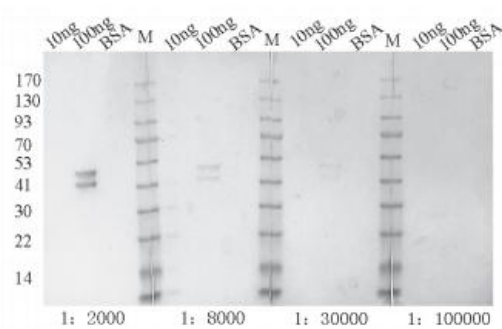
Storage Conditions: Ship on ice/wet ice. Can be stored at -20°C for two years. Avoid repeated freeze-thaw cycles.

2. Product Application

Concentration	1 mg/mL
WB	1/2000 - 1/30000
ELISA	1/5000-1/15000
IP	0.5 µg - 4 µg
IF	1/200

3. Data Presentation

WB Data :



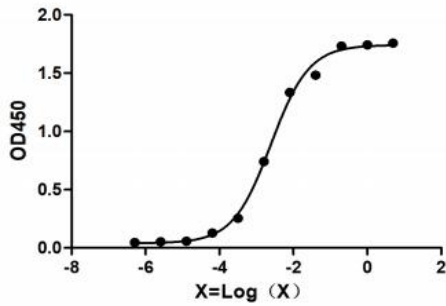
Sample Information: c-Myc tag fusion proteins

Protein Load: 10 ng (no signal observed), 100 ng (strong signal)

Protein Size: Predicted: 42 KDa, Actual: ≈45 KDa

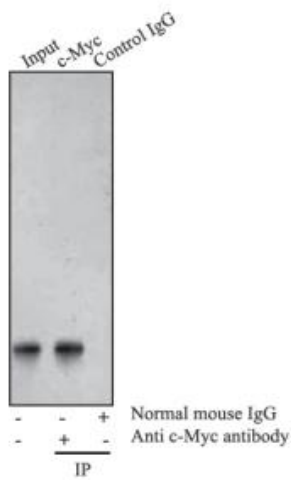
Secondary Antibody Information: Goat Anti-Mouse IgG(H+L)-HRP, 1/10000

ELISA Data :



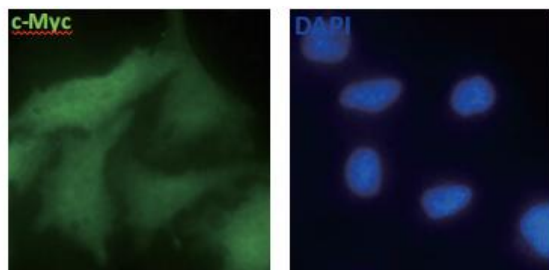
Sample Information: c-Myc tag fusion proteins
Coating Concentration: 0.5 µg/mL
X-axis: Log value of antibody concentration (µg/mL)

IP Data :



Sample Information: 200 µg of 293 cell supernatant
Beads: rProtein A Magarose Beads

IF Data :



Sample Information: HeLa cells
Plasmid: c-Myc tag fusion protein was distributed in both cytoplasm and nucleus

4. Related Products

Product	Cat.No.	Size
Anti-c-Myc Antibody	BP0001-01	100 µL (1 mg/mL)