

Anti-TAP-Tag Antibody (3J975)

Product Details

Ig Type:	IgG
Reactivity:	Species independent
Molecular Weight:	Actual: 51 kDa.
Clone:	3J975
Purification:	Protein G purified

Applications

Sample:	Lane 1: TAP-Tagged Fusion Protein Overexpression E. Coli Lysate at 2 µg Lane 2: TAP-Tagged Fusion Protein Overexpression E. Coli Lysate at 4 µg
Verified Activity:	Primary: Anti-TAP-Tag (TMAB-13379) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 51 kD Observed band size: 51 kD
Application:	ELISA,FCM,ICC/IF,IF,IHC-Fr,IHC-P,WB
Recommended	ELISA=1:1000-5000; FCM=1 µg/Test; ICC/IF=1:100-500; IF=1:200-1000; IHC-Fr=1:200-1000; IHC-P=1:200-1000; WB=1:1000-5000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: TAP-Tag
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Research Background

Tandem affinity purification (TAP) is a purification technique for studying protein-protein interactions. It involves creating a fusion protein with a designed piece, the TAP tag, on the end. The original TAP method involves the fusion of the TAP tag to the C-terminus of the protein under study. The TAP tag consists of calmodulin binding peptide (CBP) from the N-terminal, followed by tobacco etch virus protease (TEV protease) cleavage site and Protein A, which binds tightly to IgG. The relative order of the modules of the tag is important because Protein A needs to be at the extreme end of the fusion protein so that the entire complex can be retrieved using an IgG matrix.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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