Anti-TAP Tag Monoclonal Antibody (4H2)

Cat #: ABT2200 Size: 50μl/200μl/200μl×5

Product Information

	Product Name: Anti-TAP Tag Monoclonal Antibody (4H2)		
	Applications: WB		**Isotype:** Mouse IgG
	Reactivity: All Species Expected		
REF	**Catalog Number:** ABT2200	LOT	**Lot Number:** Refer to product label
	Formulation: Liquid		**Concentration:** 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		**Note:** Contain sodium azide.

Background: The TAP (Tandem Affinity Purification) method is an affinity purification method for the isolation of TAP-tagged proteins along with associated proteins. The TAP tag historically consists of a calmodulin binding peptide (CPB), a tobacco etch virus (TEV) protease cleavage site, and Protein A. However, additional tag combinations have been used with the TAP method including the combination of FLAG tags and HA tags. The TAP method permits the identification of proteins interacting with a particular target protein without any prior knowledge about the function, activity, or composition of the interacting proteins. The TAP tag has been especially useful and deployed with Yeast Tap-tagged ORF clones. These clones contain genomic fusions of the TAP construct and are extremely useful for determining natural protein interactions and expression level variations based on physiological changes.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:5000-1:10000).

Storage Buffer: Liquid in PBS, pH 7.4, containing 0.02% Sodium Azide as preservative and 50% Glycerol.

Storage Instructions: Stable for one 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.

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 A	Fig. Western blot analysis of TAP recombinant protein with Anti-TAP tag monoclonal Antibody (4H2) at 1:5000 dilution.

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