

AE021

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Mouse anti TAP-Tag mAb

Catalog No.: AE021

Basic Information

Observed MW

Refer to Figures

Calculated MW

Category

Monoclonal Antibody

Applications

WB,IP,ELISA

Cross-Reactivity

Species independent

CloneNo number

AMC0510

Background

Protein tags are peptide sequences genetically grafted onto a recombinant protein. Often these tags are removable by chemical agents or by enzymatic means, such as proteolysis or intein splicing. Tags are attached to proteins for various purposes. Epitope tags are short peptide sequences which are chosen because high-affinity antibodies can be reliably produced in many different species. These are usually derived from viral genes, which explain their high immunoreactivity. Epitope tags include V5-tag, Myc-tag, HA-tag and NE-tag. These tags are particularly useful for western blotting, immunofluorescence and immunoprecipitation experiments, although they also find use in antibody purification.

Recommended Dilutions

WB 1:5000 - 1:10000

IP 0.5ug-4ug antibody for
200ug-400ug extracts
of whole cells

ELISA Recommended starting
concentration is 1
µg/mL. Please optimize
the concentration
based on your specific
assay requirements.

Immunogen Information

Gene ID

Swiss Prot

Immunogen

A synthetic peptide of TAP-Tag

Synonyms

TAP;TAP tag;TAP-tag

Product Information

Source

Mouse

Isotype

IgG1

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

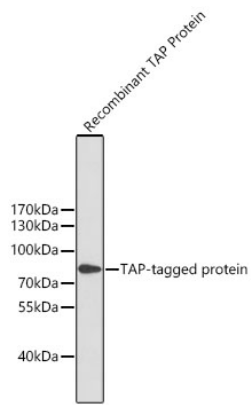
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Contact



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Validation Data



Western blot analysis of recombinant TAP protein using mouse anti TAP-Tag mAb (AE021) at dilution of 1:5000.

Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (AS003) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.