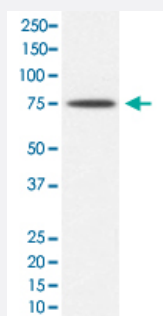


TRAP1 monoclonal antibody, clone IBD-20

Catalog # MAB20341 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of K562 cell lysate with TRAP1 monoclonal antibody, clone IBD-20 (Cat # MAB20341).

Specification

Product Description Rabbit monoclonal antibody raised against synthetic peptide of human TRAP1.

Immunogen A synthetic peptide corresponding to human TRAP1.

Host Rabbit

Theoretical MW (kDa) 80.11

Reactivity Human

Form Liquid

Purification Affinity purification

Isotype IgG

Recommend Usage
Immunoprecipitation (1:50)
Western Blot (1:500-1:2000)
The optimal working dilution should be determined by the end user.

Storage Buffer In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

Storage Instruction

Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of K562 cell lysate with TRAP1 monoclonal antibody, clone IBD-20 (Cat # MAB20341).

- Immunoprecipitation

Gene Info — TRAP1

Entrez GeneID [10131](#)

Protein Accession# [Q12931](#)

Gene Name TRAP1

Gene Alias HSP75, HSP90L

Gene Description TNF receptor-associated protein 1

Omim ID [606219](#)

Gene Ontology [Hyperlink](#)

Gene Summary HSP90 proteins are highly conserved molecular chaperones that have key roles in signal transduction, protein folding, protein degradation, and morphologic evolution. HSP90 proteins normally associate with other cochaperones and play important roles in folding newly synthesized proteins or stabilizing and refolding denatured proteins after stress. TRAP1 is a mitochondrial HSP90 protein. Other HSP90 proteins are found in cytosol (see HSP90AA1; MIM 140571) and endoplasmic reticulum (HSP90B1; MIM 191175) (Chen et al., 2005 [PubMed 16269234]).[supplied by OMIM]

Other Designations heat shock protein 75|tumor necrosis factor type 1 receptor associated protein

Disease

- [Cardiovascular Diseases](#)

- [Diabetes Mellitus](#)

- [Edema](#)
- [Kidney Failure](#)