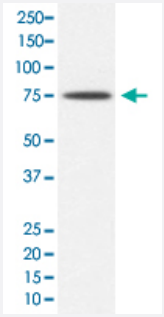
TRAP1 monoclonal antibody, clone IBD-20

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).

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Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and st ored 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 shoul d be handled by trained staff only.

Applications

- Immunoprecipitation
- Western Blot (Cell lysate)

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

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 transduc tion, protein folding, protein degradation, and morphologic evolution. HSP90 proteins normally as sociate 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 reti culum (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

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- Edema
- Kidney Failure

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