

Product datasheet for **TA307889**

MVD Rabbit Polyclonal Antibody

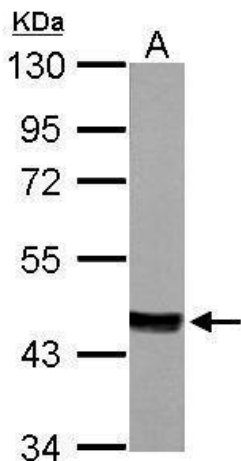
Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	ICC/IF:1:100-1:1000; IHC:1:100-1:1000; WB:1:500-1:3000
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment corresponding to a region within amino acids 156 and 371 of MVD (Uniprot ID#P53602)
Formulation:	0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	43 kDa
Gene Name:	mevalonate diphosphate decarboxylase
Database Link:	NP_002452 Entrez Gene 4597 Human P53602
Background:	The enzyme mevalonate pyrophosphate decarboxylase catalyzes the conversion of mevalonate pyrophosphate into isopentenyl pyrophosphate in one of the early steps in cholesterol biosynthesis. It decarboxylates and dehydrates its substrate while hydrolyzing ATP. [provided by RefSeq]
Synonyms:	FP17780; MDDase; MPD
Protein Pathways:	Metabolic pathways, Terpenoid backbone biosynthesis

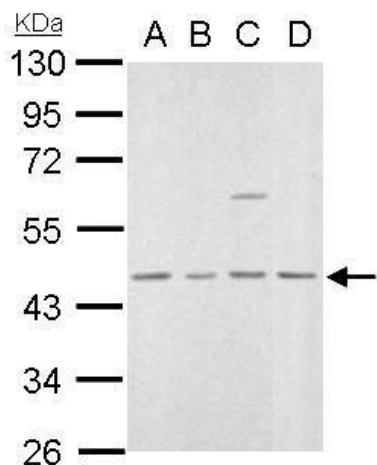


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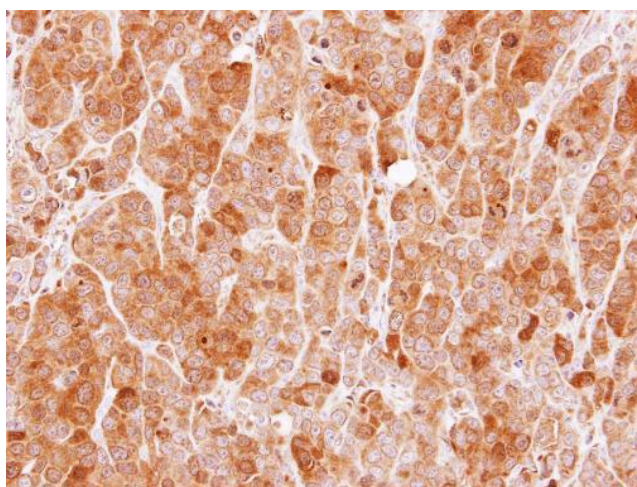
Product images:



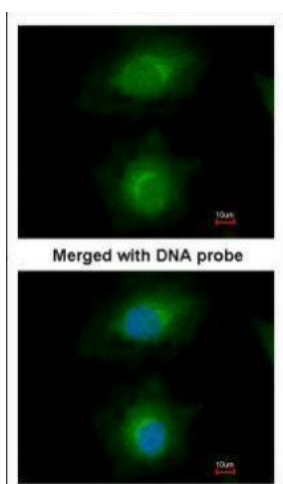
Sample (50 ug of whole cell lysate). A: mouse Liver. 10% SDS PAGE. TA307889 diluted at 1:1000.



MVD antibody detects MVD protein by Western blot analysis. A. 30 ug 293T whole lysate/extract. B. 30 ug A431 whole cell lysate/extract. C. 30 ug HeLa whole cell lysate/extract. D. 30 ug A375 whole cell lysate/extract. 10 % SDS-PAGE. MVD antibody (TA307889)



Immunohistochemical analysis of paraffin-embedded MCF7 xenograft, using MVD (TA307889) antibody at 1:100 dilution.



Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using MVD (TA307889) antibody at 1:200 dilution.