

Rabbit IMPDH2 Monoclonal Antibody | anti-IMPDH2 antibody

Anti-IMPDH2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA265721	Rabbit	Human, Mouse, Rat	Immunoprecipitation, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

IMPDH2; Monoclonal Antibody; Anti-IMPDH2 Antibody; anti-IMPDH2 antibody

PRODUCT SPECIFICATIONS

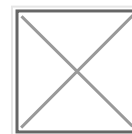
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of IMPDH2 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 50mM Tris-Glycine (pH7.4), 0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA.
Applicable Applications for anti-IMPDH2 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human IMPDH2
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



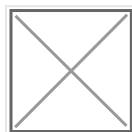
IF (Immunofluorescence)

Immunofluorescent analysis of IMPDH2 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of IMPDH2 staining in human breast carcinoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.21). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of IMPDH2 expression in NIH3T3 (A), mouse liver (B), HeLa (C), A549 (D), HL60 (E), U2OS (F), C6 (G) whole cell lysates. (Predicted band size: 56 kD; Observed band size: 56 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-IMPDH2 antibody	Rabbit monoclonal antibody to IMPDH2
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NCBI AND UNIPROT INFORMATION

NCBI GI #	66933016
NCBI GeneID	3615
NCBI Accession #	NP_000875.2
NCBI GenBank Nucleotide #	NM_000884.2
UniProt Accession #	P12268; P24547; E9PU28
Molecular Weight	55,805 Da
NCBI Official Full Name	inosine-5'-monophosphate dehydrogenase 2
NCBI Official Synonym Full Names	IMP (inosine 5'-monophosphate) dehydrogenase 2
NCBI Official Symbol	IMPDH2
NCBI Official Synonym Symbols	IMPD2; IMPDH-II
NCBI Protein Information	inosine-5'-monophosphate dehydrogenase 2; IMP (inosine monophosphate) dehydrogenase 2; IMP oxireductase 2; IMPD 2; IMPDH 2; IMPDH2; inosine 5' phosphate dehydrogenase 2; inosine monophosphate dehydrogenase type II
UniProt Protein Name	Inosine-5'-monophosphate dehydrogenase 2
UniProt Gene Name	IMPDH2
UniProt Entry Name	IMDH2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/impdh2-antibody-immunoprecipitation-immunofluorescence-immunohistochemistry-western-blot-elisa/265721>