

Product Data Sheet

Anti-IMPDH2 Antibody

Catalog #	Source	Reactivity	Applications
CQA1196	Rabbit	H, M, R	WB, IF/IC
Description	Rabbit polyclonal antibody to IMPDH2		
Immunogen	Recombinant full length protein of human IMPDH2		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of IMPDH2 protein.		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/2000), IF/IC (1/50 - 1/200)		
Gene Symbol	IMPDH2		
Alternative Names	IMPD2; Inosine-5'-monophosphate dehydrogenase 2; IMP dehydrogenase 2; IMPD 2; IMPDH 2; IMPDH-II		
Entrez Gene	3615 (Human); 23918 (Mouse)		
SwissProt	P12268 (Human); P24547 (Mouse); E9PU28 (Rat)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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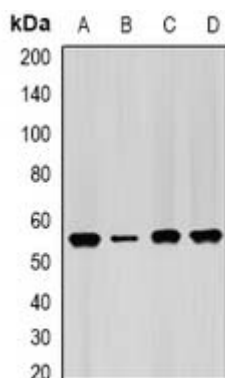
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Western blot analysis of IMPDH2 expression in Hela (A), PC3 (B), mouse spleen (C), mouse heart (D) whole cell lysates.



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 DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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