Datasheet for ABIN7156282

anti-IMPDH1 antibody (AA 191-281) (HRP)

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Overview

Quantity:	100 µg
Target:	IMPDH1
Binding Specificity:	AA 191-281
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IMPDH1 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Inosine-5\'-monophosphate dehydrogenase 1 protein (191-281AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	IMPDH1
Alternative Name:	IMPDH1 (IMPDH1 Products)
Background:	Background: Catalyzes the conversion of inosine 5\'-phosphate (IMP) to xanthosine 5\'-phosphate (XMP), the first committed and rate-limiting step in the de novo synthesis of guanine

Target Details

	nucleotides, and therefore plays an important role in the regulation of cell growth. Could also have a single-stranded nucleic acid-binding activity and could play a role in RNA and/or DNA metabolism. It may also have a role in the development of malignancy and the growth progression of some tumors. Aliases: IMDH1_HUMAN antibody, IMP (inosine monophosphate) dehydrogenase 1 antibody, IMP dehydrogenase 1 antibody, IMPD 1 antibody, IMPD antibody, IMPD1 antibody, IMPDH 1 antibody, IMPDH I antibody, IMPDH-I antibody, Impdh1 antibody, Inosine 5' monophosphate dehydrogenase 1 antibody, Inosine monophosphate dehydrogenase 1 antibody, Inosine-5''-monophosphate dehydrogenase 1 antibody, LCA11 antibody, RP10 antibody, sWSS2608 antibody
UniProt:	P20839
Pathways:	Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.