

产品名称: IMPDH2 (12M4) Rabbit Monoclonal Antibody
产品货号: AMRe12594



产品概述 (Summary)

产品名称 (Production Name)	IMPDH2 (12M4) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	IMPDH2
别名 (Alternative Names)	IMPD2; IMPDH 2; IMPDH II; Impdh2;
基因 ID (Gene ID)	3615.0
蛋白 ID (SwissProt ID)	P12268.A synthetic peptide of human IMPDH2

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:200,ICC/IF 1:100-1:200
蛋白分子量 (Molecular Weight)	56kDa

研究背景 (Background)

Rate limiting enzyme in the de novo synthesis of guanine nucleotides and therefore is involved in the regulation of cell

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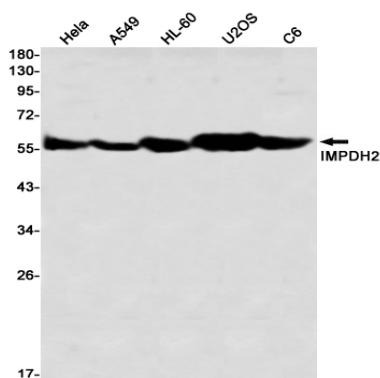


growth. It may also have a role in the development of malignancy and the growth progression of some tumors. Catalyzes the conversion of inosine 5'-phosphate (IMP) to xanthosine 5'-phosphate (XMP), the first committed and rate-limiting step in the de novo synthesis of guanine nucleotides, and therefore plays an important role in the regulation of cell growth (PubMed:7903306, PubMed:7763314). Could also have a single-stranded nucleic acid-binding activity and could play a role in RNA and/or DNA metabolism (PubMed:14766016). It may also have a role in the development of malignancy and the growth progression of some tumors.

研究领域 (Research Area)

Signal Transduction

图片 (Image Data)



Western blot detection of IMPDH2 in HeLa,A549,HL-60,U2OS,C6 using IMPDH2 antibody(1:1000 diluted)

注意事项 (Note)

For research use only .