

## IMPDH1 antibody

### Product Information

Catalog No.:	FNab04302
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

### 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 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.

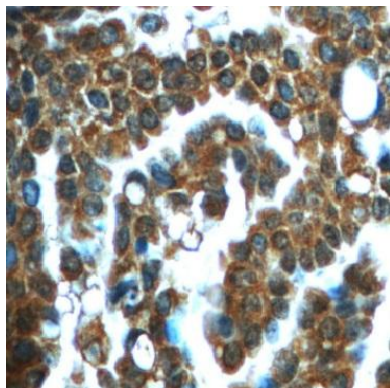
### Immunogen information

Immunogen:	IMP(inosine monophosphate) dehydrogenase 1
Synonyms:	Inosine-5'-monophosphate dehydrogenase 1 (IMP dehydrogenase 1, IMPD 1, IMPDH 1) IMPDH-I IMPDH1 IMPD1
Observed MW:	53-60 kDa
Uniprot ID :	P20839

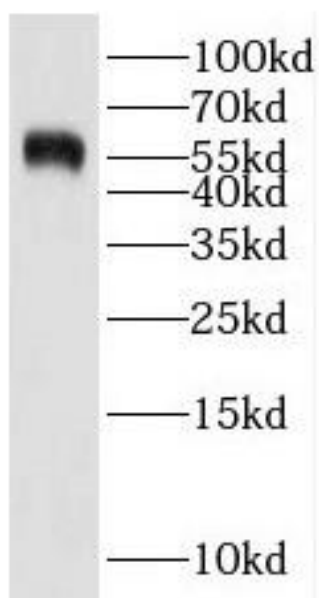
### Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC
Recommended dilution:	WB: 1:500-1:2000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human ovary tumor slide using FNab04302 (IMPDH1 Antibody) at dilution of 1:50



HeLa cells were subjected to SDS PAGE followed by western blot with FNab04302 (IMPDH1 antibody) at dilution of 1:2000