

IMPDH2 antibody

Product Information

Catalog No.:	FNab04304
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.

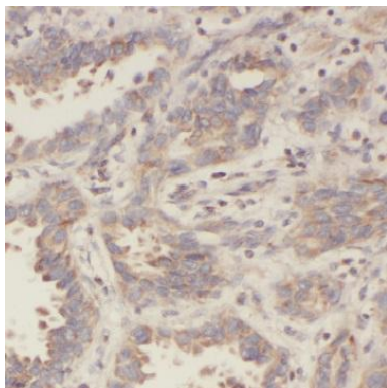
Immunogen information

Immunogen:	IMP(inosine monophosphate) dehydrogenase 2
Synonyms:	Inosine-5'-monophosphate dehydrogenase 2 (IMP dehydrogenase 2, IMPD 2, IMPDH 2) Inosine-5'-monophosphate dehydrogenase type II (IMP dehydrogenase II, IMPDH-II) IMPDH2 IMPD2
Observed MW:	56 kDa
Uniprot ID :	P12268

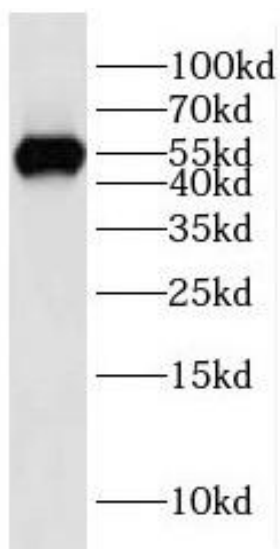
Application

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 lung cancer using FNab04304(IMPDH2 antibody) at dilution of 1:100



human heart tissue were subjected to SDS PAGE followed by western blot with FNab04304(IMPDH2 antibody) at dilution of 1:400