

## NT5E antibody

### Product Information

Catalog No.:	FNab05878
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

NT5E(5'-nucleotidase) is also named as NT5, NTE,CD73,ecto-5'-nucleotidase, and belongs to the 5'-nucleotidase family. It catalyzes the conversion at neutral pH of purine 5-prime mononucleotides to nucleosides, the preferred substrate being AMP. The enzyme occurs mainly as a dimer and the wide distribution of NT5E in the rat hippocampus, suggesting their involvement in the control of the purinergic signaling(PMID:17619139). This protein has two isoforms with the molecular weight of 63 kDa and 58 kDa and four glycosylation sites with a signalpeptide. It can exsist as a dimer(PMID:17619139). It can be detected the band of 55 kDa,64 kDa, 70 kDa, 110 kDa by western blot(PMID:17619139; 12370277; 21533188). Defects in NT5E are the cause of calcification of joints and arteries(CALJA).

### Immunogen information

Immunogen:	5'-nucleotidase, ecto(CD73)
Synonyms:	5'-nucleotidase (5'-NT) 5'-deoxynucleotidase Ecto-5'-nucleotidase IMP-specific 5'-nucleotidase Thymidylate 5'-phosphatase NT5E NT5 NTE
Observed MW:	63 kDa
Uniprot ID :	P21589

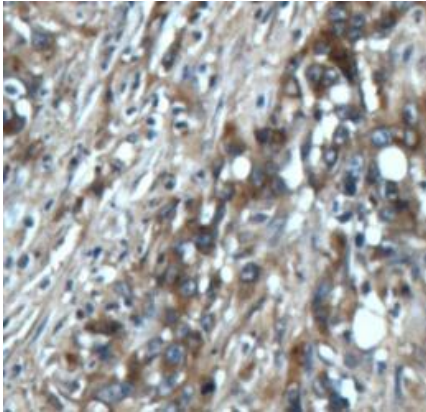
### Application

Reactivity:	Human, Mouse, Rat
-------------	-------------------

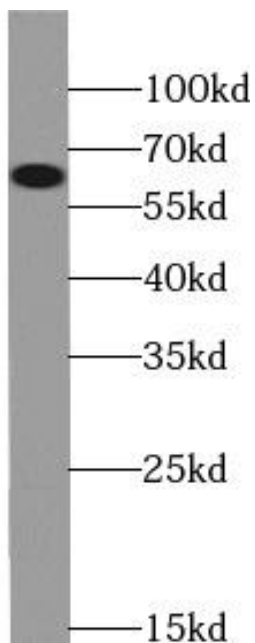
Tested Application: ELISA, WB,IHC,FC

Recommended dilution:WB: 1:500-1:5000; IHC: 1:50-1:500

Image:



Immunohistochemistry of paraffin-embedded human stomach cancer tissue slide using FNab05878(NT5E,CD73 Antibody) at dilution of 1:200



Jurkat cells were subjected to SDS PAGE followed by western blot with FNab05878(NT5E,CD73 antibody) at dilution of 1:1000