



# DFNA5 Monoclonal Antibody

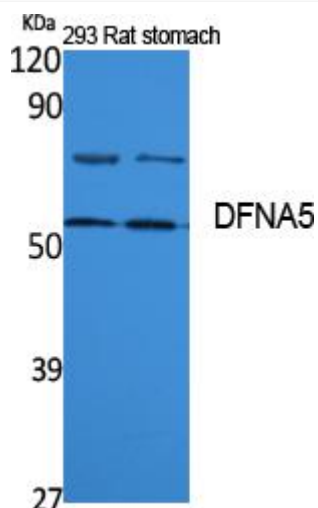
<b>Catalog No</b>	YP-mAb-00557
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat
<b>Applications</b>	WB
<b>Gene Name</b>	DFNA5
<b>Protein Name</b>	Non-syndromic hearing impairment protein 5
<b>Immunogen</b>	Synthesized peptide derived from DFNA5 . at AA range: 200-280
<b>Specificity</b>	DFNA5 Monoclonal Antibody detects endogenous levels of DFNA5 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-1:2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	DFNA5; ICERE1; Non-syndromic hearing impairment protein 5; Inversely correlated with estrogen receptor expression 1; ICERE-1
<b>Observed Band</b>	54kD
<b>Cell Pathway</b>	[Gasdermin-E, N-terminal]: Cell membrane ; Multi-pass membrane protein . ; [Gasdermin-E]: Cytoplasm, cytosol .
<b>Tissue Specificity</b>	Expressed in cochlea (PubMed:9771715). Low level of expression in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas, with highest expression in placenta (PubMed:9771715).
<b>Function</b>	disease:Defects in DFNA5 are the cause of non-syndromic sensorineural deafness autosomal dominant type 5 (DFNA5) [MIM:600994]. DFNA5 is a form of sensorineural hearing loss. Sensorineural deafness results from damage to the neural receptors of the inner ear, the nerve pathways to the brain, or the area of the brain that receives sound information.,similarity:Belongs to the gasdermin family.,tissue specificity:Expressed in cochlea. Low level of expression in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas, with highest expression in placenta.,
<b>Background</b>	Hearing impairment is a heterogeneous condition with over 40 loci described. The protein encoded by this gene is expressed in fetal cochlea, however, its function is not known. Nonsyndromic hearing impairment is associated with a mutation in this gene. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

Western Blot analysis of various cells using DFNA5 Monoclonal Antibody