

For Research Use Only

DFNA5 Monoclonal antibody, PBS Only

Catalog Number: 67731-1-PBS



Basic Information

Catalog Number: 67731-1-PBS	GenBank Accession Number: BC019689	Purification Method: Protein G purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 1687	CloneNo.: 1D9C3
Source: Mouse	UNIPROT ID: O60443	
Isotype: IgG1	Full Name: deafness, autosomal dominant 5	
Immunogen Catalog Number: AG30514	Calculated MW: 496 aa, 55 kDa	
	Observed MW: 50-55 kDa	

Applications

Tested Applications:
WB, FC (Intra), Indirect ELISA

Species Specificity:
human, mouse, rat, pig

Background Information

DFNA5 (deafness, autosomal dominant 5), also known as GSDME or ICERE-1, is a 496 amino acid protein that is expressed in cochlea tissue, as well as in placenta, brain, heart, liver, lung and pancreas. Defects in the gene encoding DFNA5 are the cause of non-syndromic sensorineural deafness autosomal dominant type 5 (DFNA5), a form of sensorineural hearing loss that results from damage to one of various structures that receive sound information in the brain.

Storage

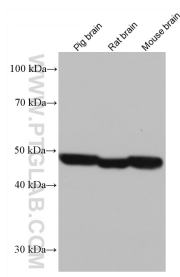
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

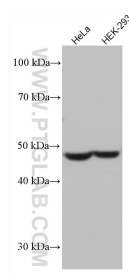
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
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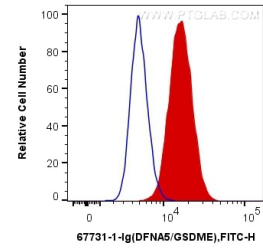
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67731-1-Ig (DFNA5 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67731-1-PBS in a different storage buffer formulation.



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1X10⁶ SH-SY5Y cells were intracellularly stained with 0.2 ug Anti-Human DFNA5/GSDME (67731-1-Ig, Clone:1D9C3) and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.2 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 67731-1-PBS in a different storage buffer formulation.