

For Research Use Only

CoraLite® Plus 488-conjugated DFNA5/GSDME Monoclonal antibody



Catalog Number:CL488-67731

Basic Information

Catalog Number: CL488-67731	GenBank Accession Number: BC019689	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 1687	CloneNo.: 1D9C3
Source: Mouse	Full Name: deafness, autosomal dominant 5	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG1	Calculated MW: 496 aa, 55 kDa	
Immunogen Catalog Number: AG30514	Observed MW: 50-55 kDa	

Applications

Tested Applications:
FC (Intra)

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 -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

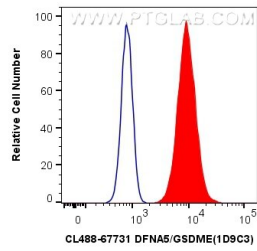
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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 W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ SH-SY5Y cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human DFNA5/GSDME (CL488-67731, Clone:1D9C3) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).