

For Research Use Only

FGF12 Monoclonal antibody, PBS Only



Catalog Number: 60152-1-PBS

Basic Information

Catalog Number: 60152-1-PBS	GenBank Accession Number: BC022524	Purification Method: Protein A purification
Size: 1mg/ml	GeneID (NCBI): 2257	CloneNo.: 2F11A10
Source: Mouse	UNIPROT ID: P61328	
Isotype: IgG2b	Full Name: fibroblast growth factor 12	
Immunogen Catalog Number: AG5046	Calculated MW: 181 aa, 20 kDa	
	Observed MW: 20 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

FGF12 is a member of the fibroblast growth factor (FGF) family. FGF family members play important roles in embryogenesis, angiogenesis, and wound repair. FGF12 lacks the N-terminal signal sequence present in most of the FGF family members, but it contains clusters of basic residues that have been demonstrated to act as a nuclear localization signal. When transfected into mammalian cells, this protein accumulated in the nucleus, but was not secreted. FGF12 plays an intracellular role in the inhibition of radiation-induced apoptosis. FGF12 is expressed abundantly in developing and adult nervous systems; therefore, FGF12 was thought to be related to nervous system development and function.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

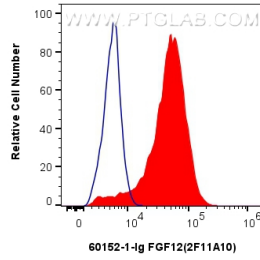
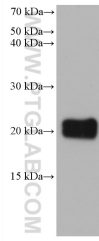
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Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 60152-1-Ig (FGF12 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60152-1-PBS in a different storage buffer formulation.

1×10^6 HeLa cells were intracellularly stained with 0.8 μ g FGF12 Monoclonal antibody (60152-1-Ig, Clone:2F11A10) and CoraLite[®]488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1)(red), or 0.8 μ g Mouse IgG2b isotype control Mouse McAb (66360-3-Ig, Clone: 11B8C4) (blue). 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 60152-1-PBS in a

