

For Research Use Only

FGF12 Monoclonal antibody

Catalog Number: 60152-1-Ig



Basic Information

Catalog Number: 60152-1-Ig	GenBank Accession Number: BC022524	Purification Method: Protein A purification
Size: 1200 µg/ml	GeneID (NCBI): 2257	CloneNo.: 2F11A10
Source: Mouse	UNIPROT ID: P61328	Recommended Dilutions: WB 1:2000-1:10000
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, ELISA	Positive Controls:
Species Specificity: human	WB : mouse brain tissue, human brain tissue, rat brain tissue

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 -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

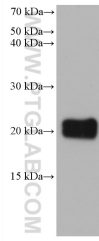
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Selected Validation Data



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.