

For Research Use Only

MFSD2 Monoclonal antibody

Catalog Number: 67965-1-Ig



Basic Information

Catalog Number: 67965-1-Ig	GenBank Accession Number: BC092414	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 84879	CloneNo.: 2D2B4
Source: Mouse	UNIPROT ID: Q8NA29	Recommended Dilutions: WB 1:5000-1:50000 IF 1:200-1:800
Isotype: IgG2a	Full Name: major facilitator superfamily domain containing 2	
Immunogen Catalog Number: AG31028	Calculated MW: 543 aa, 60 kDa	
	Observed MW: 60 kDa	

Applications

Tested Applications: IF-P, WB, ELISA	Positive Controls:
Species Specificity: Human, mouse	WB : human placenta tissue, human testis tissue IF : mouse brain tissue,

Background Information

MFSD2, also named as MFSD2A, belongs to a large family of presumptive carbohydrate transporters with 10-12 membrane-spanning domains, is located at chromosomal position 1p34.2, and is conserved in evolution. It plays a role in thermogenesis via beta-adrenergic signaling pathway. It may be the main plasma membrane tunicamycin transporter. MFSD2 has three isoforms with MW 50 kDa and 59-60 kDa.

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:

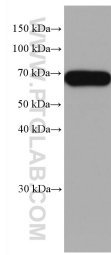
T: 4006900926

E: Proteintech-CN@ptglab.com

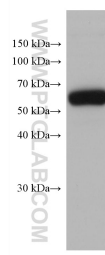
W: ptgcn.com

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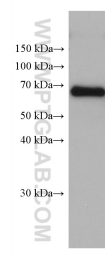
Selected Validation Data



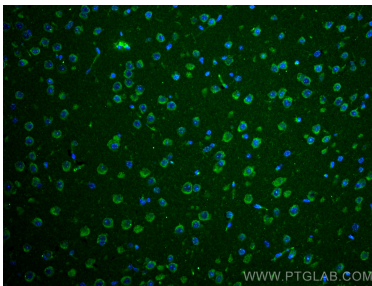
human testis tissue were subjected to SDS PAGE followed by western blot with 67965-1-Ig (MFSD2 antibody) at dilution of 1:5200 incubated at room temperature for 1.5 hours.



human testis tissue were subjected to SDS PAGE followed by western blot with 67965-1-Ig (MFSD2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



human placenta tissue were subjected to SDS PAGE followed by western blot with 67965-1-Ig (MFSD2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using MFSD2 antibody (67965-1-Ig, Clone: 2D2B4) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).