

For Research Use Only

HTR2B Recombinant monoclonal antibody, PBS Only

Catalog Number:87277-1-PBS



Basic Information

Catalog Number: 87277-1-PBS	GenBank Accession Number: BC063123	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 3357	CloneNo.: 252478D4
Isotype: IgG	UNIPROT ID: P41595	
Immunogen Catalog Number: AG24007	Full Name: 5-hydroxytryptamine (serotonin) receptor 2B	
	Calculated MW: 54 kDa	
	Observed MW: 57 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

The serotonin (5-HT) gene has been implicated in the development of personality traits or temperament predisposition. HTR2B(serotonin receptor 2B) has been shown that 3,4-methylene-dioxymethamphetamine, commonly referred to as the drug ecstasy, selectively binds and activates 5-HT2B receptors to induce serotonin release in mouse raphe nuclei, which leads to dopamine release in the nucleus accumbens and ventral tegmentum (PMID:23774082). Moreover, One of the most reliable predictive markers of UM (Uveal melanoma) at risk of evolving toward the formation of liver lesions is an abnormally elevated level of expression of the transcript encoding the HTR2B (PMID:31002821).

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, pH7.3

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

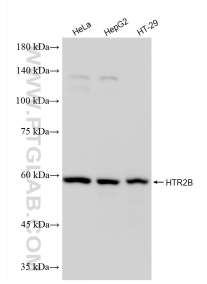
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87277-1-RR (HTR2B antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87277-1-PBS in a different storage buffer formulation.