

For Research Use Only

SIGIRR Monoclonal antibody, PBS Only (Capture)

Catalog Number: 61011-1-PBS



Basic Information

Catalog Number: 61011-1-PBS	GenBank Accession Number: BC025953	Purification Method: Protein A Magarose purification
Source: Mouse	GeneID (NCBI): 59307	CloneNo.: 1A2C2
Isotype: IgG2a	UNIPROT ID: Q6IA17	
Immunogen Catalog Number: AG32814	Full Name: single immunoglobulin and toll-interleukin 1 receptor (TIR) domain	
	Calculated MW: 46 kDa	

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Background Information

SIGIRR (also known as TIR8) is a member of the toll-like receptor (TLR)/interleukin 1 receptor (IL-1R) superfamily, with a single immunoglobulin extracellular domain and a TIR (Toll/IL-1R) intracellular domain. SIGIRR functions as a negative regulator for IL-1 and LPS signaling, through its interaction with the TLR4 and IL-1R complex. SIGIRR is an important modulator of intestinal epithelial homeostasis and a key regulator of mucosal immunity, maintaining microbial tolerance of the intestinal epithelial layer (PMID: 17398123). The molecular weight of the glycosylated SIGIRR was found to be in the range 50-80 kDa (PMID: 10346978; 17495864).

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:

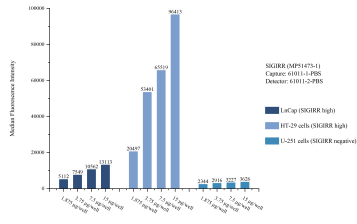
T: 4006900926

E: Proteintech-CN@ptglab.com

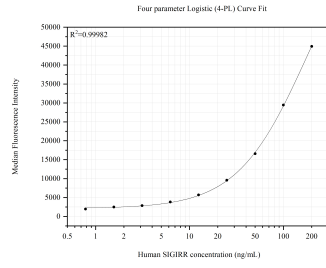
W: ptgcn.com

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

Selected Validation Data



Cytometric bead array sample test of MP51473-1, SIGIRR Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 61011-1-PBS. Detection antibody: 61011-2-PBS.



Cytometric bead array standard curve of MP51473-1, SIGIRR Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 61011-1-PBS. Detection antibody: 61011-2-PBS. Standard: Ag32814. Range: 0.781-200 ng/mL.