

For Research Use Only

SIGIRR Monoclonal antibody, PBS Only (Detector)

Catalog Number: 61011-2-PBS



Basic Information

Catalog Number: 61011-2-PBS	GenBank Accession Number: BC025953	Purification Method: Protein G Magarose purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 59307	CloneNo.: 2A8D2
Source: Mouse	UNIPROT ID: Q6IA17	
Isotype: IgG1	Full Name: single immunoglobulin and toll-interleukin 1 receptor (TIR) domain	
Immunogen Catalog Number: AG32814	Calculated MW: 46 kDa	

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

61011-2-PBS targets SIGIRR as part of a matched antibody pair:

MP51473-1: 61011-1-PBS capture and 61011-2-PBS detection (validated in Cytometric bead array)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

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

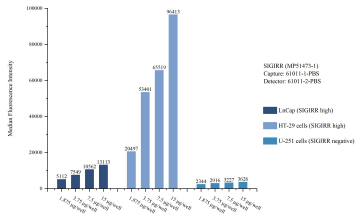
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

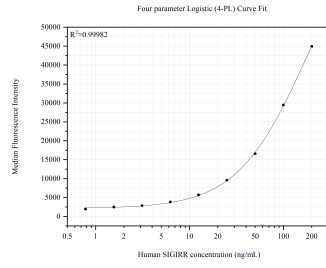
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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.