

For Research Use Only

SIGIRR Monoclonal antibody, PBS Only (Detector)

Catalog Number: 61011-2-PBS



Basic Information

Catalog Number:

61011-2-PBS

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG32814

GenBank Accession Number:

BC025953

GeneID (NCBI):

59307

UNIPROT ID:

Q6IA17

Full Name:

single immunoglobulin and toll-interleukin 1 receptor (TIR) domain

Calculated MW:

46 kDa

Purification Method:

Protein G Magarose purification

CloneNo.:

2A8D2

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:

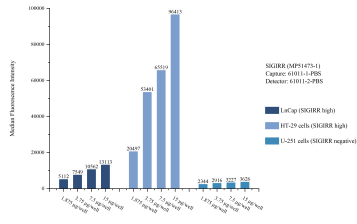
T: 4006900926

E: Proteintech-CN@ptglab.com

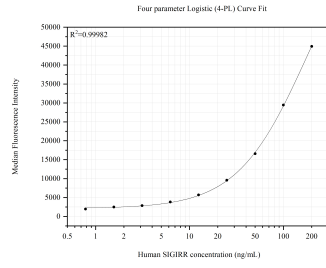
W: ptgcn.com

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.