

For Research Use Only

KIR2DL4/CD158d Recombinant antibody, PBS Only (Capture)

Catalog Number: 85135-1-PBS



Basic Information

Catalog Number:

85135-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC041611

GeneID (NCBI):

3805

UNIPROT ID:

Q99706

Full Name:

killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 4

Calculated MW:

377 aa, 42 kDa

Purification Method:

Protein A purification

CloneNo.:

242235A8

Applications

Tested Applications:

Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:

human

Product Information

85135-1-PBS targets KIR2DL4/CD158d as part of a matched antibody pair:

MP01836-1: 85135-1-PBS capture and 85135-2-PBS detection (validated in Cytometric bead array)

MP01836-2: 85135-1-PBS capture and 85135-3-PBS detection (validated in Cytometric bead array)

MP01836-3: 85135-1-PBS capture and 85135-4-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

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.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

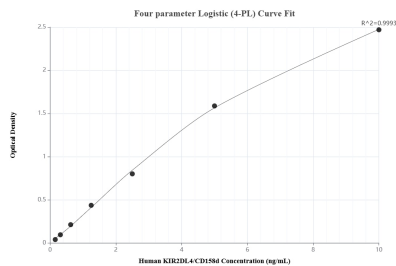
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

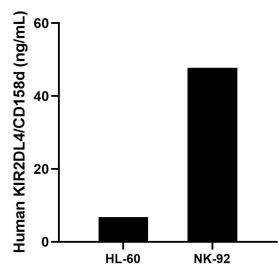
E: proteintech@ptglab.com
W: ptglab.com

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

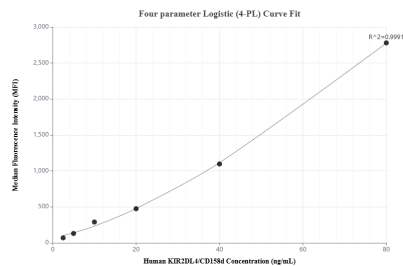
Selected Validation Data



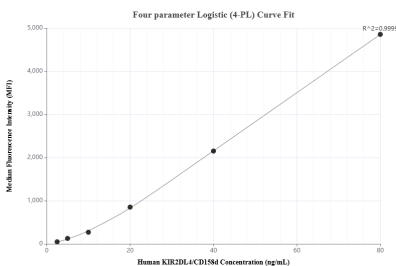
Sandwich ELISA standard curve of MP01836-3, Human KIR2DL4/CD158d Recombinant Matched Antibody Pair - PBS only. 85135-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1895. 85135-4-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



The mean KIR2DL4/CD158d concentration was determined to be 6.80 ng/mL in HL-60 cell extract based on a 1.50 mg/mL extract load and 47.76 ng/mL in NK-92 cell extract based on a 1.90 mg/mL extract load.



Cytometric bead array standard curve of MP01836-2, KIR2DL4/CD158d Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85135-1-PBS. Detection antibody: 85135-3-PBS. Standard: Eg1895. Range: 2.5-80 ng/mL



Cytometric bead array standard curve of MP01836-1, KIR2DL4/CD158d Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85135-1-PBS. Detection antibody: 85135-2-PBS. Standard: Eg1895. Range: 2.5-80 ng/mL