

For Research Use Only

# KIR2DL4/CD158d Recombinant antibody, PBS Only (Detector)

Catalog Number: 85135-4-PBS



## Basic Information

**Catalog Number:**

85135-4-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.:**

242235A5

## Applications

**Tested Applications:**

Sandwich ELISA, Indirect ELISA, Sample test

**Species Specificity:**

human

## Product Information

85135-4-PBS targets KIR2DL4/CD158d as part of a matched antibody pair:

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

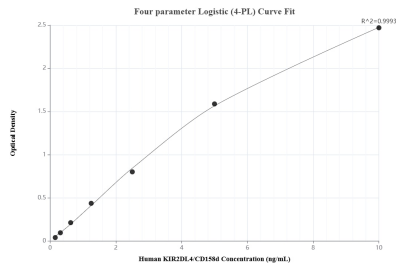
For technical support and original validation data for this product please contact:

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

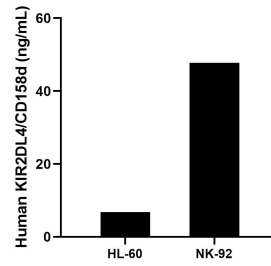
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

**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.