For Research Use Only

CD19 Recombinant antibody, PBS Only (Detector)

Catalog Number:86116-2-PBS

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Antibodies | ELISA kits | Proteins
Uni-rAb
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Basic Information

Catalog Number:
86116-2-PBS

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

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG3335

GenBank Accession Number:
BC006338

GeneID (NCBI):
930

ENSEMBL Gene ID:
ENSG00000177455

UNIPROT ID:
P15391

Full Name:
CD19 molecule

Calculated MW:
556 aa, 61 kDa

Purification Method:
Protein A purification

CloneNo.:
250499G8

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

86116-2-PBS targets CD19 as part of a matched antibody pair:

MP02270-1: 86116-3-PBS capture and 86116-2-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, 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
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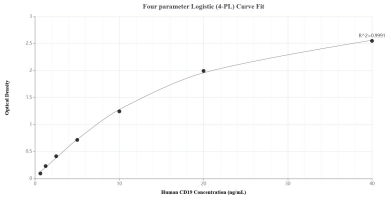
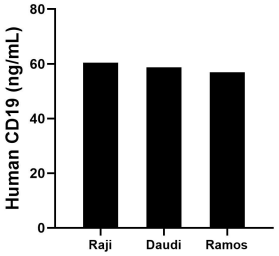
Selected Validation Data



Sandwich ELISA standard curve of MP02270-1, Human CD19 Recombinant Matched Antibody Pair - PBS only. 86116-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3335. 86116-2-PBS was HRP conjugated as the detection antibody. Range: 0.625-40 ng/mL.



The mean CD19 concentration was determined to be 60.42 ng/mL in Raji cell extract based on a 3.00 mg/mL extract load, 58.69 ng/mL in Daudi cell extract based on a 1.50 mg/mL extract load and 56.96 ng/mL in Ramos cell extract based on a 2.30 mg/mL extract load.