For Research Use Only

CD7 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number:84745-11-PBS

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
84745-11-PBS

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

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG3034

GenBank Accession Number:
NM_006137.7

GeneID (NCBI):
924

ENSEMBL Gene ID:
ENSG00000173762

UNIPROT ID:
P09564

Full Name:
CD7 molecule

Calculated MW:
25 kDa

Purification Method:
Protein A purification

CloneNo.:
262072D5

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

84745-11-PBS targets CD7 as part of a matched antibody pair:

MP03802-1: 84745-9-PBS capture and 84745-11-PBS detection (validated in Cytometric bead array)

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.

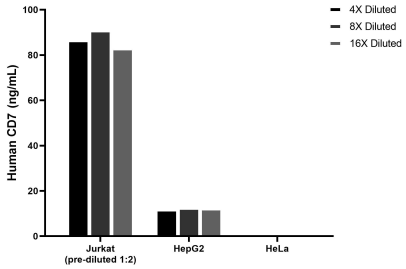
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

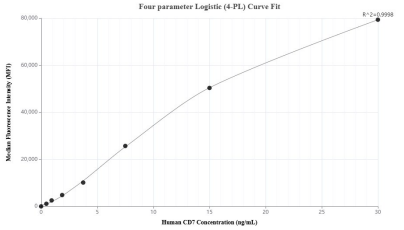
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



The mean CD7 concentration was determined to be 86.8 ng/mL in Jurkat cell extract based on a 1.2 mg/mL extract load, 12.1 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load, HeLa cell extract were served as a negative control.



Cytometric bead array standard curve of MP03802-1, CD7 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84745-9-PBS. Detection antibody: 84745-11-PBS. Standard: Eg3034. Range: 0.469-30 ng/mL.