For Research Use Only

## CD8A Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number:86063-5-PBS



**Purification Method:** 

Protein A purification

CloneNo.:

243018A11

**Basic Information** 

Catalog Number:

86063-5-PBS

Size:

GenBank Accession Number:

NM\_001145873.1

GeneID (NCBI):

100ug, Concentration: 1 mg/ml by

Nanodrop: ENSEMBL Gene ID: ENSG00000153563 Rabbit **UNIPROT ID:** 

Isotype: P01732-1 IgG Full Name: Immunogen Catalog Number: CD8a molecule

EG0819 Calculated MW:

26 kDa

**Applications** 

**Tested Applications:** 

Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:

human

**Product Information** 

86063-5-PBS targets CD8A as part of a matched antibody pair:

MP02428-1: 86063-5-PBS capture and 86063-4-PBS detection (validated in Sandwich ELISA)

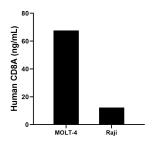
Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a  $concentration of 1\,mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant$ technology. Recombinant production enables unrivalled batch-to-batch consistency,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

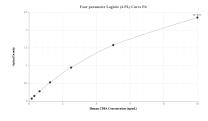
Storage

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

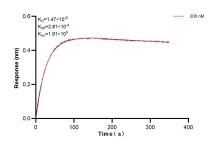
## **Selected Validation Data**



The mean CD8A concentration was determined to be 67.70 ng/mL in MOLT-4 cell extract based on a 3.2 mg/mL extract load and 12.30 ng/mL in Raji cell extract based on a 1.8 mg/mL extract load.



Sandwich ELISA standard curve of MP02428-1, Human CD8A Recombinant Matched Antibody Pair-PBS only. 86063-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0819. 86063-4-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



Biolayer interferometry (BLI) kinetic assay of 86063-5-PBS against Human CD8A was performed. The affinity constant is 1.47 nM.