For Research Use Only

MRPL27 Monoclonal antibody, PBS Only (Capture)

Catalog Number:60545-4-PBS

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Basic Information

Catalog Number:
60545-4-PBS

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

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG6870

GenBank Accession Number:
BC001066

GeneID (NCBI):
51264

UNIPROT ID:
Q9P0M9

Full Name:
mitochondrial ribosomal protein L27

Calculated MW:
16 kDa

Purification Method:
Protein G purification

CloneNo.:
2D12F3

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

60545-4-PBS targets MRPL27 as part of a matched antibody pair:

MP50769-3: 60545-4-PBS capture and 60545-5-PBS detection (validated in Cytometric bead array)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

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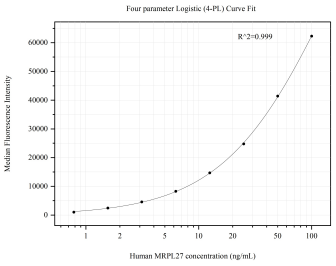
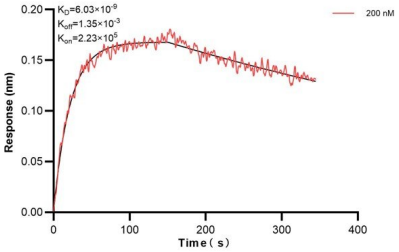
This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Cytometric bead array standard curve of MP50769-3, MRPL27 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 60545-4-PBS. Detection antibody: 60545-5-PBS. Standard:Ag6870. Range: 0.781-100 ng/mL.



Biolayer interferometry (BLI) kinetic assay of 60545-4-Ig against Human MRPS27 was performed. The affinity constant is 6.03 nM.