

For Research Use Only

Mouse KEL Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP03154-2

Capture Antibody Information

Catalog Number:
87688-6-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
253180A1

Reactivity:
mouse

Immunogen Catalog Number:
Eg6305

Conjugate:
Unconjugated

Full name:
Kell blood group

Gene ID:
23925

Detection Antibody Information

Catalog Number:
87688-5-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
253180B1

Reactivity:
mouse

GenBank:
NM_032540.3

Immunogen Catalog Number:
Eg6305

Conjugate:
Unconjugated

Full name:
Kell blood group

Gene ID:
23925

Applications

Tested Applications:
Sandwich ELISA

Range:
97.7-6250 pg/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP03154-2 targets KEL in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse CD238/Kell/KEL Recombinant monoclonal antibody, PBS Only (Capture) 87688-6-PBS (253180A1). 100 µg. Concentration 1 mg/mL.

Detection antibody: Mouse CD238/Kell/KEL Recombinant monoclonal antibody, PBS Only (Detector) 87688-5-PBS (253180B1). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

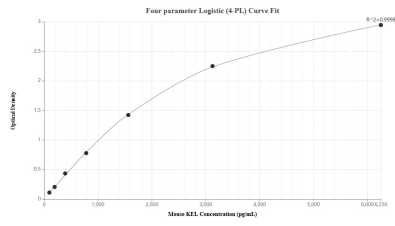
For technical support and original validation data for this product please contact:

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

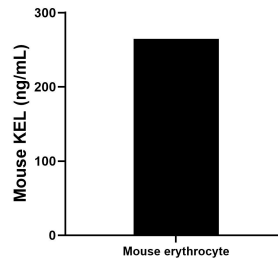
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Sandwich ELISA standard curve of MP03154-2, Human KEL Recombinant Matched Antibody Pair - PBS only. 87688-6-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg6305. 87688-5-PBS was HRP conjugated as the detection antibody. Range: 97.7-6250 pg/mL



The mean KEL concentration was determined to be 264.80 ng/mL in mouse erythrocyte cell extract based on a 1.2 mg/mL extract load.