For Research Use Only

SP8 Recombinant antibody, PBS Only (Detector)

Catalog Number:83230-3-PBS

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Basic Information

Catalog Number:
83230-3-PBS

Concentration:
1mg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG22934

GenBank Accession Number:
BC038669

GeneID (NCBI):
221833

UNIPROT ID:
Q8IXZ3

Full Name:
Sp8 transcription factor

Calculated MW:
508 aa, 51 kDa

Purification Method:
Protein A purification

CloneNo.:
240011G4

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

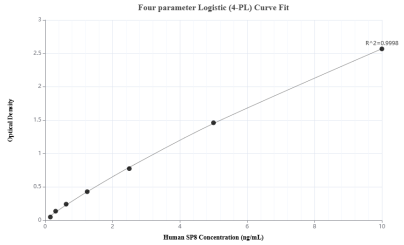
Species Specificity:
human

Background Information

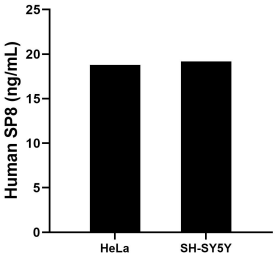
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS only, pH7.3

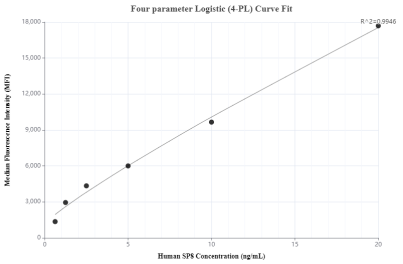
Selected Validation Data



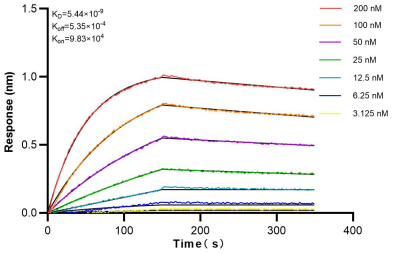
Sandwich ELISA standard curve of MP00190-1, Human SP8 Recombinant Matched Antibody Pair - PBS only. 83230-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag22934. 83230-3-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



The mean SP8 concentration was determined to be 18.80 ng/mL in HeLa cell extract based on a 3.0 mg/mL extract load and 19.20 ng/mL in SH-SY5Y cell extract based on a 3.0 mg/mL extract load.



Cytometric bead array standard curve of MP00190-1, SP8 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83230-1-PBS. Detection antibody: 83230-3-PBS. Standard: Ag22934. Range: 0.625-20 ng/mL.



Biolayer interferometry (BLI) kinetic assays of 83230-3-RR against Human SP8 were performed. The affinity constant is 5.44 nM.