For Research Use Only

PDGF-BB Recombinant monoclonal antibody, PBS Only (Capture/Detector)

Catalog Number:83214-2-PBS

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Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
83214-2-PBS

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG25986

GenBank Accession Number:
BC029822

GeneID (NCBI):
5155

UNIPROT ID:
P01127-1

Full Name:
platelet-derived growth factor beta polypeptide (simian sarcoma viral (v-sis) oncogene homolog)

Calculated MW:
241 aa, 27 kDa

Purification Method:
Protein A purification

CloneNo.:
230486E6

Affinity:
$K_D = 2.39 \times 10^{-10}$

$K_{Off} = 3.97 \times 10^{-5}$

$K_{On} = 1.66 \times 10^{5}$

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Background Information

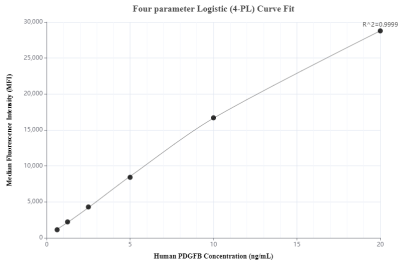
Storage

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

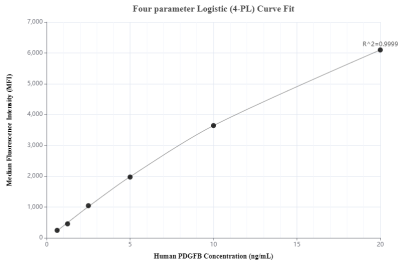
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

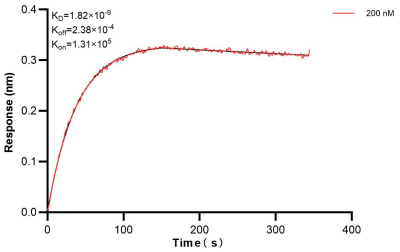
Selected Validation Data



Cytometric bead array standard curve of MP00198-1, PDGF-BB Recombinant Matched Antibody Pair - PBS only. Capture antibody: 83214-2-PBS. Detection antibody: 83214-3-PBS. Standard: Ag25986. Range: 0.625-20 ng/mL.



Cytometric bead array standard curve of MP00198-3, PDGF-BB Recombinant Matched Antibody Pair - PBS only. Capture antibody: 83214-1-PBS. Detection antibody: 83214-2-PBS. Standard: Ag25986. Range: 0.625-20 ng/mL.



Biolayer interferometry (BLI) kinetic assays of 83214-2-PBS against Human PDGF-BB were performed. The affinity constant is 1.82 nM.