

FCGR2B/CD32b Polyclonal Antibody(Capture/Detector)

catalog number: AN004520P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

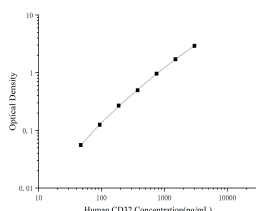
Description

Reactivity	Human
Immunogen	Recombinant Human FCGR2B/CD32b Protein expressed by Mammalian
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen Affinity Purification
Buffer	Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300.

Applications Recommended Dilution

ELISA Capture	2-8 µg/mL
ELISA Detector	0.1-0.4 µg/mL

Data



Sandwich ELISA-Recombinant Human FCGR2B/CD32b Protein standard curve. Background subtracted standard curve using Anti-FCGR2B/CD32b antibody(AN004520P) (Capture), Anti-FCGR2B/CD32b antibody(AN004520P) (Detector). The reference range value is 31.25 - 3000 pg/mL for human.

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

Fc gamma RII, also known as CD32, is a group of three closely related proteins (Fc gamma RIIA, Fc gamma RIIB, Fc gamma RIIC) that share greater than 94% amino acid identity in their extracellular domains with Fc gamma RIIB and Fc gamma RIIC having identical extracellular domains. They function as transmembrane receptors for the Fc portion of IgG molecules. These proteins are expressed by various hematopoietic cells including monocytes, macrophages, neutrophils, NK, T and B cells. The Fc gamma RII proteins are involved in phagocytosis of immune complexes and modulation of antibody production by B cells.

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