

Datasheet

Anti-human CD16**Humanized anti-human CD16**

Product	Description	Catalogue-No.	Size
Anti-human CD16	Lyophilized 3G8 monoclonal antibody	CB-1107500	500 µg

Product description

Receptors for the Fc region of IgG (FcγRs) are important for controlling immune responses. FcγRs are divided into three classes FcγRI (CD64), FcγRII (CD32), and FcγRIII (CD16).

The coordinated function of activating and inhibitory receptors is necessary for successful initiation, amplification, and termination of immune responses. CD16 is encoded by a single gene, the protein product is type I transmembrane protein having two extra cellular Ig-like domains, and is expressed on a variety of myeloid and lymphoid cells.

Storage conditions and stability

Lyophilized CD16 is stable at 2 – 8 °C for 24 months from production date.

The lyophilized CD16 should be reconstituted in sterile distilled water to your desired concentration. Should be stored in working aliquots at -20°C when reconstituted.

Composition

Sourced from CHO cells. Protein A purified from cell culture supernatant (Immunogen: human recombinant CD16A). Lyophilized from a 0.2 µm filtered solution in PBS with HSA

Purity: > 95.0%

Biological activity: reactive for human cells.

Recommended concentration: For ELISA 1:2,000 – 1:15,000

For T-cell stimulation: 1 – 10 µg/ml (100 µl/well)

Endotoxin Level: <2.0 EU/mg

Technical support

For technical support, questions or remarks please contact your local PAN-Biotech partner or the technical department of PAN-Biotech via email (info@pan-biotech.com) or phone +49-8543-601630.