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CD11b Human

Catalog #:PRPS-479

For research use only.

Description:CD11b Human Recombinant (aa 936-1154) expressed in E.coli, shows a 52 kDa band on SDS-PAGE. The CD11b is purified by proprietary chromatographic techniques.

Synonyms: Integrin alpha-M, Cell surface glycoprotein MAC-1 subunit alpha, CR-3 alpha chain, Leukocyte adhesion receptor MO1, Neutrophil adherence receptor, CD11b antigen, ITGAM, CR3A, MO1A, CD11B, MAC-1, MAC1A, MGC117044.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered clear solution.

Formulation:

CD11b in 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% Glycerol.

Stability:

Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months.Please prevent freeze-thaw cycles.

Usage:

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Applications:

ELISA. Inhibition Assays. Western Blotting.

Introduction:

Leukocyte associated protein consists of two polypeptide chains with molecular weights 95 and 170kDa. The moleculae functions as a cell surface receptor for the C3bi complement fragment. It belongs to family of heterodimeric proteins (designated CD11) which share a common beta chain CD18 of 95kDa. The alpha chain component of the leukocyte associated antigen is expressed on granulocytes, monocytes and macrophages.

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