

Technical Data Sheet

Product **Anti-Hu CD11b (activation epitope) FITC**

Cat. Number/Size **1F-172-T100** **100 tests**

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

Antigen	CD11b (activation epitope)
Clone	CBRM1/5
Format	FITC
Reactivity	Human
Application	FC (QC tested)
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 4 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests.
Excitation laser	blue (488 nm)
Isotype	Mouse IgG1 kappa
Specificity	The mouse monoclonal antibody CBRM1/5 recognizes an activation-dependent epitope on extracellular part of CD11b (Mac-1α), a 165-170 kDa type 1 transmembrane protein mainly expressed on monocytes, granulocytes and NK-cells. The antibody recognizes a subset of CD11b molecules on neutrophils and monocytes activated with chemoattractants or phorbol esters and it does not recognize CD11b on non-activated cells.
Other names	Mac-1, Integrin alpha M, ITGAM, CR3A, MO1A, MAC1A
Immunogen	Information not available
Entrez Gene ID	3684
Gene name	ITGAM
NCBI Full Gene Name	integrin subunit alpha M
UniProt ID	P11215

Preparation Purified antibody is conjugated with fluorescein isothiocyanate (FITC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.

Formulation Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide

Storage and handling Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.

Images and References www.exbio.cz

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