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Mouse Anti-Human CD15 (Clone V1MC6) mAb, FITC

Catalog No.	MON1186F	**Quantity:**	1.0 ml

Alternate Names: Lewis X, Le(x) stage-specific embryonic antigen-1, SSEA-1, 3- fucosyl-N-acetyl-lactosamine

Description: CD15 is a trisacharide determinant (3- fucosyl-N-acetyl-lactosamine) expressed on several glycolipids, glycoproteins and proteoglycans of various cell types, e.g. granulocytes, mast cells, monocytes, macrophages, cells of gastric mucosa, nervous system or various tumor cells, expressed on virtually all peripheral blood granulocytes. The CD15 antigen is expressed on approximately 95% of human peripheral blood eosinophils and neutrophils and is present on approximately 20% of mature circulating monocytes. Anti-CD15 has virtually no reactivity with T or B cells.
There are several variants of Lewis x, such as sialyl-Lewis x or sulphated Lewis x. Cells with high surface expression of Le(x) antigen exhibit strong self-aggregation, based on calcium-dependent Le(x)-Le(x) interaction. This process is involved for example in embryo compaction or in autoaggregation of teratocarcinoma cells. Sialyl Le(x) and its isomer sialyl-Le(a) are ligands of selectins. CD15 expression has been extensively used to confirm diagnosis of Hodgkin and acute disease.

Concentration: 0.1 mg/ml

Host: Mouse

Isotype: IgM

Clone: V1MC6

Conjugate: FITC

Formulation: PBS, containing 0.4% mg/ml BSA, 0.1% sodium azide

Applications: Flow cytometry

Storage & Stability: Store at 2-8°C until expiration date. Avoid exposure to light.

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