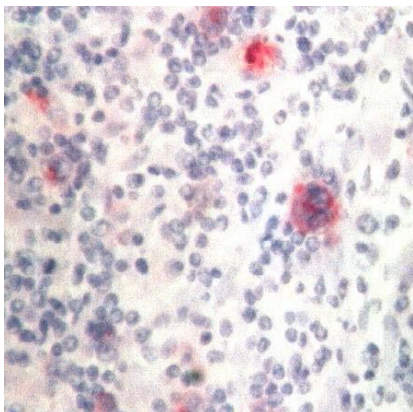


Anti-CD15 Antibody, Mouse Monoclonal

Catalog Number: CB-C070m, 100 µg

Introduction	<p>CD15 (3-fucosyl-N-acetyl-lactosamine) is a cluster of differentiation antigen - an immunologically significant molecule. CD15 is a carbohydrate[1] adhesion molecule (not a protein) that can be expressed on glycoproteins, glycolipids and proteoglycans.</p> <p>CD15 mediates phagocytosis and chemotaxis, found on neutrophils;[2] expressed in patients with Hodgkin disease, some B-cell chronic lymphocytic leukemias, acute lymphoblastic leukemias, and most acute nonlymphocytic leukemias. It is also called Lewis x and SSEA-1 (stage-specific embryonic antigen 1) and represents a marker for murine pluripotent stem cells, in which it plays an important role in adhesion and migration of the cells in the preimplantation embryo. It is synthesized by FUT4 (fucosyltransferase 4) and FUT9.</p>
Description	Mouse monoclonal antibody.
Applications	Western blot and IHC, may be used for other applications.
Immunogen	U937 histiocytic cell line.
Specificity	Recognizes CD15 from human, other species not tested.
Purification	Immunoaffinity chromatography.
Isotype	IgM.
Storage	Store at 4 °C; Stable for at least 6 months from the date of shipment. Non-hazardous. For long-term storage, keep at -20 °C.
Concentration	1 µg/µl.



IHC staining of paraffin embedded tissue sections of human tonsils.

