

CD11b antibody [OX-42] (Biotin)

Catalog No.: 15-288-22149F

Quantity: 0.1 mg

Concentration: 0.1 mg/ml

Background: CD11b is implicated in various adhesive interactions of monocytes, macrophages and granulocytes as well as in mediating the uptake of complement coated particles. It is identical to CR3, the receptor for the iC3b fragment of the third complement component. It probably recognizes the RGD peptide in C3b. CD11b is also a receptor for fibrinogen, factor X and ICAM1. It recognizes P1 and P2 peptides of fibrinogen gamma chain. The Mac1 CD11b antigen is present on macrophages, granulocytes, natural killer cells, blood monocytes. CD11b is expressed on 8% spleen cells, 44% bone marrow cells and less than 1% of thymocytes and is commonly used as a microglial marker in nervous tissue. GTX53827 recognises CD11b expressed on most macrophages, including resident and activated peritoneal macrophages, Kupffer cells, around 35% of alveolar macrophages, dendritic cells, granulocytes and microglial cells in the brain.

Host / Isotype: Chicken

Immunogen: Rat peritoneal macrophages

Format: **State:** Liquid

Purification: Protein G purified

Buffer System: Preservative: 0.09% Sodium Azide. Constituents: 1% BSA, PBS, pH 7.2.

Label: Biotin

Applications: FACS, IHC-Fr

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity: Reacts with Rat. Not yet tested in other species.

Storage: Keep as concentrated solution. Store at 4

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com