



Product Data Sheet

Cat # AB-13510

Rat Anti-Mouse CD11a IgG

Size: 100ug

Synonyms:

Integrin, alpha L, CD11A, p180, alpha polypeptide, ITGAL, LFA-1, LFA1A

Type:

Rat Anti Mouse Monoclonal

Introduction:

ITGAL encodes the integrin alpha L chain. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This I-domain containing alpha integrin combines with the beta 2 chain (ITGB2) to form the integrin lymphocyte function-associated antigen-1 (LFA-1), which is expressed on all leukocytes. LFA-1 plays a central role in leukocyte intercellular adhesion through interactions with its ligands, ICAMs 1-3 (intercellular adhesion molecules 1 through 3), and also functions in lymphocyte costimulatory signaling. Staining and blocking antibody. For staining, use 10 $\mu\text{l}/10^6$ cells. This antibody will block signaling through the CD11a molecule. Titer for blocking should be determined by the investigator

Immunogen:

Enriched mouse peritoneal macrophages

Ig Subclass:

Rat IgG2b; purified by ion exchange column; 1mg/mL in PBS after reconstitution; Reconstitute with of H2O. Mix gently, wash the sides of the vial and wait 30-60 seconds before use.

Storage Procedures:

Lyophilized: store at 4°C. After reconstitution, if not intended for use within a month, aliquot and store at -20°C. Two years lyophilized, one month in solution at 4°C.

Usage:

This item is for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals. If supplied in powder then reconstitute it in 100 μl water for 1 mg/ml stock and store in liquid at 4°C for ~1 week or aliquots in suitable size and store at -20°C for long term storage..

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