

Mouse monoclonal anti human CD11a (LEF-1) (Azide-free & Low endotoxin)

ORDERING INFORMATION

Catalog Number:	gAP-0237
Size:	1.00 mg
Storage:	< -20° C
Immunogen:	Recombinant human CD11a
Ig Type:	Mouse IgG1
Clone	AP-MAB1637
Endotoxin Level	< 0.002EU/µg IgG*
Applications:	FC, IHC, IP, WB and Functional Assay

Description: CD11a, also called ITGB1, and lymphocyte function-associated antigen-1 (LFA-1), 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. Two transcript variants encoding different isoforms have been found for this gene.

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse immunized with **Recombinant human CD11a**).

Formulation: The IgG fraction of **culture supernatant** was purified by Protein A/G affinity chromatography and lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS, **Azide Free**).

Reconstitution: Reconstitute the antibody with sterile PBS and the reconstituted antibody can be aliquoted and stored frozen at < -20 for at least for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.** Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C.

***Endotoxin Level:** Extremely low level of LPS (< 0.002EU/µg IgG)

Application(s):

1. FC
2. IHC and ICC
3. IP
4. WB
5. Functional Assay (Blocking)

* The antibody is produced by in vitro culture and for research use only