

## Datasheet

### ITGAL monoclonal antibody, clone HI111 (PE)

**Catalog Number:** MAB13791

**Regulatory Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against native human ITGAL.

**Clone Name:** HI111

**Immunogen:** Human CD11a.

**Host:** Mouse

**Theoretical MW (kDa):** 180

**Reactivity:** Human

**Applications:** Blocking, Flow Cyt, IHC-Fr, WB  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Liquid

**Conjugation:** PE

**Purification:** Protein A/G purification

**Purity:** >90%

**Isotype:** IgG1, kappa

**Recommend Usage:** Blocking  
Flow Cytometry (20  $\mu$ L/ $10^6$  cells)  
Immunohistochemistry (Frozen sections)  
Western Blot

The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS, pH 7.4 (protein stabilizer, 0.09% sodium azide).

**Storage Instruction:** Store in the dark at 4°C. Avoid prolonged exposure to light.

**Entrez GeneID:** 3683

**Gene Symbol:** ITGAL

**Gene Alias:** CD11A, LFA-1, LFA1A

**Gene Summary:** 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. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]