

Datasheet

ITGAE monoclonal antibody, clone Ber-ACT8 (FITC)

Catalog Number: MAB15387

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against native human ITGAE.

Clone Name: Ber-ACT8

Immunogen: HTLV-1 induced human T cell line MAPS16.

Host: Mouse

Theoretical MW (kDa): 25-150

Reactivity: Human

Applications: Flow Cyt
(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: FITC

Purification: Affinity purification

Isotype: IgG1

Recommend Usage: Flow Cytometry (20 μ L/ 10^6 cells)
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: 3682

Gene Symbol: ITGAE

Gene Alias: CD103, HUMINAE, MGC141996

Gene Summary: Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This gene encodes an I-domain-containing alpha integrin that undergoes post-translational cleavage in the extracellular domain, yielding disulfide-linked heavy and light chains. In combination with the beta 7 integrin, this protein forms the E-cadherin binding integrin known as the human mucosal lymphocyte-1 antigen. This protein is preferentially expressed in human intestinal intraepithelial lymphocytes (IEL), and in addition to a role in adhesion, it may serve as an accessory molecule for IEL activation. [provided by RefSeq]