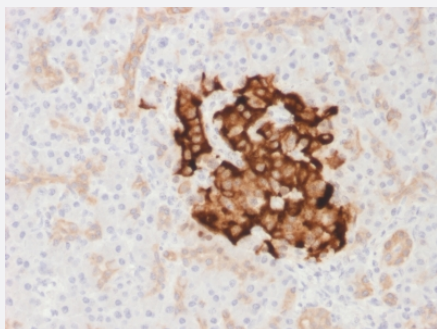


ITGAE monoclonal antibody, clone ITGAE/2063

Catalog # MAB21103 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human Colon using ITGAE monoclonal antibody, clone ITGAE/2063.

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human ITGAE.
Immunogen	Recombinant protein corresponding to human ITGAE.
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG2c, kappa
Recommend Usage	Immunohistochemistry (Formalin-fixed) (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS (0.05% BSA, 0.05% sodium azide)
Storage Instruction	Store at 2 to 8°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human Colon using ITGAE monoclonal antibody, clone ITGAE/2063.

Gene Info — ITGAE

Entrez GeneID	3682
Protein Accession#	P38570
Gene Name	ITGAE
Gene Alias	CD103, HUMINAE, MGC141996
Gene Description	integrin, alpha E (antigen CD103, human mucosal lymphocyte antigen 1; alpha polypeptide)
Omim ID	604682
Gene Ontology	Hyperlink
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]
Other Designations	HML-1 antigen antigen CD103, human mucosal lymphocyte antigen 1; alpha polypeptide integrin alpha-IEL integrin, alpha E

Pathway

- [Regulation of actin cytoskeleton](#)

Disease

- [Brain Ischemia](#)

- [Cardiovascular Diseases](#)
- [Coronary Disease](#)
- [Genetic Predisposition to Disease](#)
- [Graves Ophthalmopathy](#)
- [Myocardial Infarction](#)
- [Sarcoidosis](#)
- [Stroke](#)
- [Tobacco Use Disorder](#)