

Itga5 monoclonal antibody, clone 5H10.27

Catalog # MAB3234

Size 500 ug

Specification

Product Description	Rat monoclonal antibody raised against Itga5.
Immunogen	Native Itga5 from mouse mast cell line MC/9.
Host	Rat
Reactivity	Mouse
Specificity	alpha5 subunit of the integrin alpha5beta1 fibronectin receptor.
Form	Liquid
Isotype	IgG2a
Recommend Usage	Flow Cytometry (1 ug/10 ⁶ cells) The optimal working dilution should be determined by the end user.
Storage Buffer	In 100 mM BBS, pH 8.2
Storage Instruction	Store at 4°C.

Applications

- Immunohistochemistry (Frozen sections)
- Flow Cytometry

Gene Info — Itga5

Entrez GeneID	16402
Gene Name	Itga5

Gene Alias	Cd49e, Fnra
Gene Description	integrin alpha 5 (fibronectin receptor alpha)
Gene Ontology	Hyperlink
Other Designations	fibronectin receptor alpha polypeptide integrin alpha 5

Publication Reference

- [Role of alpha 5 beta 1 integrin in TGF-beta 1-costimulated CD8+ T cell growth and apoptosis.](#)

Rich S, Van Nood N, Lee HM.
The Journal of Immunology 1996 Oct; 157(7):2916.

Application: Flow Cyt, Mouse, CD8+ T cells
- [Attachment, invasion, chemotaxis, and proteinase expression of B16-BL6 melanoma cells exhibiting a low metastatic phenotype after exposure to dietary restriction of tyrosine and phenylalanine.](#)

Uhlenkott CE, Huijzer JC, Carneiro DJ, Elstad CA, Meadows GG.
Clinical & Experimental Metastasis 1996 Mar; 14(2):125.

Application: Flow Cyt, Func, Mouse, BL6, LTP cells
- [Enhancement of VLA integrin receptor function on thymocytes by cAMP is dependent on the maturation stage of the thymocytes.](#)

Halvorson MJ, Coligan JE.
Journal of Immunology 1995 Nov; 155(10):4567.

Application: Flow Cyt, Mouse, Mouse thymocytes