

Itgb4 monoclonal antibody, clone 346-11A

Catalog # MAB3249

Size 500 ug

Specification

Product Description	Rat monoclonal antibody raised against Itgb4.
Immunogen	Native Itgb4 from mouse lung cell carcinoma.
Host	Rat
Reactivity	Mouse
Specificity	Integrin beta4 chain (CD104), Mr 200 KDa.
Form	Liquid
Isotype	IgG2a
Recommend Usage	Immunohistochemistry (1-5 ug/mL) 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

- Western Blot
- Immunohistochemistry (Frozen sections)
- Immunoprecipitation

Gene Info — Itgb4

Entrez GeneID

[192897](#)

Gene Name	Itgb4
Gene Alias	AA407042, C230078O20, CD104
Gene Description	integrin beta 4
Gene Ontology	Hyperlink
Other Designations	OTTMUSP00000003825

Publication Reference

- [Developmentally regulated expression of the beta 4 integrin on immature mouse thymocytes.](#)

Wadsworth S, Halvorson MJ, Coligan JE.

Journal of Immunology 1992 Jul; 149(2):421.

Application: Flow Cyt, IP, Mouse, Mouse thymocytes

- [The beta 4 subunit of the integrin family is displayed on a restricted subset of endothelium in mice.](#)

Kennel SJ, Godfrey V, Ch'ang LY, Lankford TK, Foote LJ, Makkinje A.

Journal of Cell Science 1992 Jan; 101 (Pt 1):145.

Application: RIA, Mouse, Mouse uterus

- [Integrin alpha 6/beta 4 complex is located in hemidesmosomes, suggesting a major role in epidermal cell-basement membrane adhesion.](#)

Sonnenberg A, Calafat J, Janssen H, Daams H, van der Raaij-Helmer LM, Falcioni R, Kennel SJ, Aplin JD, Baker J, Loizidou M, et al..

The Journal of Cell Biology 1991 May; 113(4):907.

Application: IEM, IF, IHC-Fr, IP, Human, Human breast tissue, HBL-100 cells, Human skin, Human tongue