

ITGB7 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant ITGB7.****Catalog # AT2571a****Specification**

ITGB7 Antibody (monoclonal) (M01) - Product Information

Application	IF
Primary Accession	P26010
Other Accession	NM_000889
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	86903

ITGB7 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 3695**Other Names**

Integrin beta-7, Gut homing receptor beta subunit, ITGB7

Target/Specificity

ITGB7 (NP_000880, 401 a.a. ~ 505 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

IF ~ 1:50 ~ 200

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

ITGB7 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

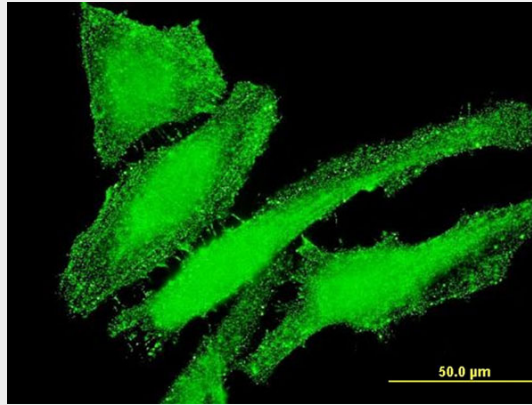
ITGB7 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ITGB7 Antibody (monoclonal) (M01) - Images



Immunofluorescence of monoclonal antibody to ITGB7 on HeLa cell . [antibody concentration 10 ug/ml]

ITGB7 Antibody (monoclonal) (M01) - References

The integrin $\alpha 4 \beta 7$ forms a complex with cell-surface CD4 and defines a T-cell subset that is highly susceptible to infection by HIV-1. Cicala C, et al. Proc Natl Acad Sci U S A, 2009 Dec 8. PMID 19933330. The regulation mechanism for the auto-inhibition of binding of human filamin A to integrin. Pentikinen U, et al. J Mol Biol, 2009 Oct 30. PMID 19699211. Structural basis of the migfilin-filamin interaction and competition with integrin beta tails. Lad Y, et al. J Biol Chem, 2008 Dec 12. PMID 18829455. AhR- and c-maf-dependent induction of beta7-integrin expression in human macrophages in response to environmental polycyclic aromatic hydrocarbons. Monteiro P, et al. Biochem Biophys Res Commun, 2007 Jun 29. PMID 17490615. Alpha E beta 7 integrin interaction with E-cadherin promotes antitumor CTL activity by triggering lytic granule polarization and exocytosis. Le Floch A, et al. J Exp Med, 2007 Mar 19. PMID 17325197.