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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

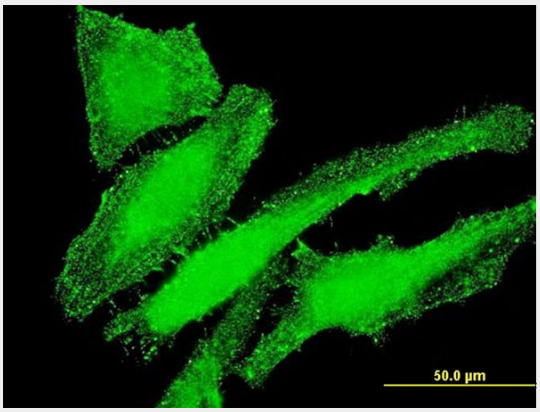
Other Names
Integrin beta-7, Gut homing receptor beta subunit, ITGB7

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.

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.



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

ITGB7 Antibody (monoclonal) (M01) - References

The integrin alpha4beta7 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. Pentik?inen 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 Floc'h A, et al. J Exp Med, 2007 Mar 19. PMID 17325197.

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 Cytomety
- Cell Culture