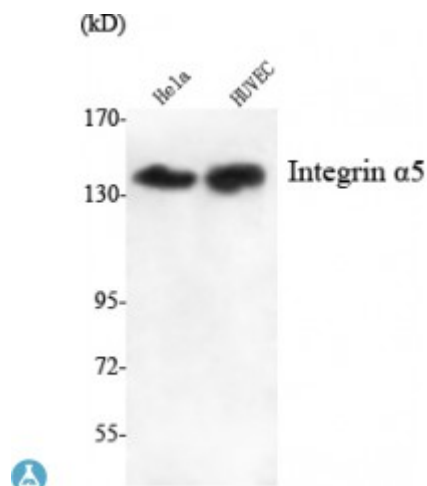


## Anti-Integrin alpha antibody



<b>Description</b>	Mouse monoclonal to Integrin alpha5.
<b>Model</b>	STJ98510
<b>Host</b>	Mouse
<b>Reactivity</b>	Bovine, Human, Mouse, Rat
<b>Applications</b>	FC, WB
<b>Immunogen</b>	Purified recombinant human Integrin alpha5 (N-terminal) protein fragments expressed in E.coli.
<b>Immunogen Region</b>	N-terminal
<b>Gene ID</b>	<a href="#">3678</a>
<b>Gene Symbol</b>	<a href="#">ITGA5</a>
<b>Dilution range</b>	WB 1:1000-1:2000FC 1:100-1:200
<b>Specificity</b>	Integrin alpha5 Monoclonal Antibody detects endogenous levels of Integrin alpha5 protein.
<b>Purification</b>	Affinity purification
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	Integrin alpha-5 CD49 antigen-like family member E Fibronectin receptor subunit alpha Integrin alpha-F VLA-5 CD antigen CD49e Integrin alpha-5 heavy chain Integrin alpha-5 light chain
<b>Clonality</b>	Monoclonal
<b>Conjugation</b>	Unconjugated

<b>Formulation</b>	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol.
<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:6141</a> <a href="#">OMIM:135620</a>
<b>Alternative Names</b>	Integrin alpha-5 CD49 antigen-like family member E Fibronectin receptor subunit alpha Integrin alpha-F VLA-5 CD antigen CD49e Integrin alpha-5 heavy chain Integrin alpha-5 light chain
<b>Function</b>	Integrin alpha-5/beta-1 is a receptor for fibronectin and fibrinogen. It recognizes the sequence R-G-D in its ligands. ITGA5:ITGB1 binds to PLA2G2A via a site (site 2) which is distinct from the classical ligand-binding site (site 1) and this induces integrin conformational changes and enhanced ligand binding to site 1 . ITGA5:ITGB1 acts as a receptor for fibrillin-1 (FBN1) and mediates R-G-D-dependent cell adhesion to FBN1 . (Microbial infection) Integrin ITGA5:ITGB1 acts as a receptor for human metapneumovirus . Integrin ITGA2:ITGB1 acts as a receptor for human parvovirus B19 . In case of HIV-1 infection, the interaction with extracellular viral Tat protein seems to enhance angiogenesis in Kaposi's sarcoma lesions .
<b>Cellular Localization</b>	Membrane. Single-pass type I membrane protein. Cell junction, focal adhesion Cell surface
<b>Post-translational Modifications</b>	Proteolytic cleavage by PCSK5 mediates activation of the precursor.