

Product Datasheet

Integrin alpha 5 Rabbit mAb [KD Validated] (orb1951313)

Catalog Number	orb1951313
Description	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.
Species/Host	Rabbit
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Tested Applications	FC, ICC, IHC, IP, WB
Immunogen	A synthesized peptide derived from human Integrin alpha 5
Form/Appearance	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Isotype	Rabbit IgG
Clonality	Recombinant
Antibody Type	Recombinant Antibody
Uniprot ID	P08648

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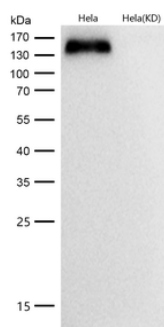
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Cambridge, CB5 8LA, United Kingdom
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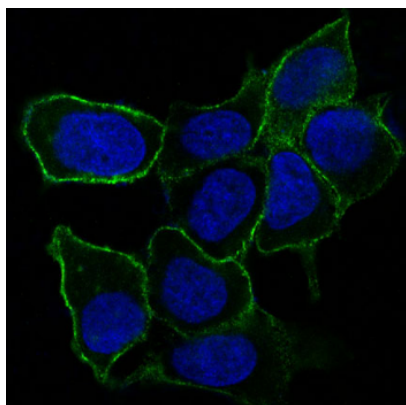
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Dilution Range WB 1:1000~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:50 FC 1:50

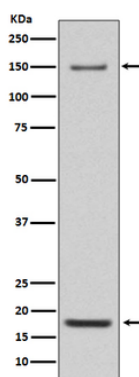
Expiration Date 12 months from date of receipt.



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



Immunofluorescent analysis of MCF-7 cells, using Integrin alpha 5 Antibody.



Western blot analysis of Integrin alpha 5 expression in Mouse heart lysate.

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