

bsm-61357R

[Primary Antibody]

Integrin alpha 5 Recombinant Rabbit mAb

Bioss
ANTIBODIES

www.bioss.com.cn

sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

— DATASHEET —

Host: Rabbit

Isotype: IgG

Clonality: Recombinant

CloneNo.: 8G1

GeneID: 3678

SWISS: P08648

Target: Integrin alpha 5

Immunogen: A synthesized peptide derived from human Integrin alpha 5: 1000-1049.

Purification: affinity purified by Protein A

Storage: 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.

Background: Integrin alpha-5/beta-1 (ITGA5:ITGB1) 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.

Applications: WB (1:500-2000)

IHC-P (1:50-200)

IHC-F (1:50-200)

IF (1:50-200)

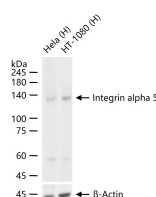
IP (1:20-50)

Reactivity: Human, Mouse, Rat

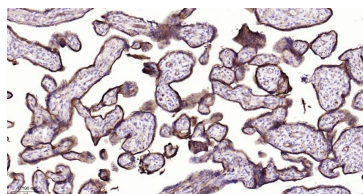
**Predicted
MW.:** 115

**Subcellular
Location:** Cell membrane

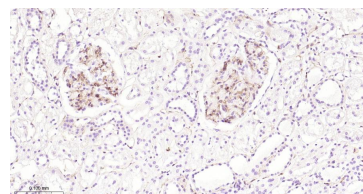
— VALIDATION IMAGES —



25 ug total protein per lane of various lysates (see on figure) probed with Integrin alpha 5 monoclonal antibody, unconjugated (bsm-61357R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Placenta; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Integrin alpha 5 Monoclonal Antibody, Unconjugated (bsm-61357R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Kidney; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Integrin alpha 5 Monoclonal Antibody, Unconjugated (bsm-61357R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.