Anti-ITGA5 antibody (42-995 aa) [S4927RM] (STJ11104927)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/ELISA
Host / Source	Rabbit
Reactivity	Human

PRODUCT PROPERTIES

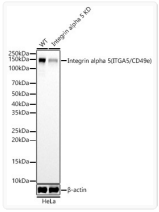
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 115kDa Observed Mw: 150kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

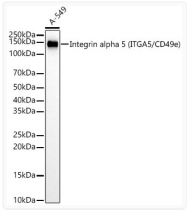
Gene ID	3678
Gene Symbol	ITGA5
UniProt ID	ITA5_HUMAN
Immunogen Region	42-995 aa
Immunogen Sequence	FNLDAEAPAVLSGPPGSFFG FSVEFYRPGTDGVSVLVGAP KANTSQPGVLQGGAVYLCPW GASPTQCTPIEFDSKGSRLL ESSLSSSEGEEPVEYKSLQW FGATVRAHGSSILACAPLYS WRTEKEPLSDPVGTCYLSTD NFTRILEYAPCRSDFSWAAG QGYCQGGFSAEFTKTGRVVL GGPGSYFWQGQILSATQEQI AESYYPEYLINLVQGQLQTR QASSIYDDSYLGYSVAVGE
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 42-995 of human Integrin alpha 5 (ITGA5/CD49e). (NP_002196.4).

ADDITIONAL INFORMATION

Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of extracts from wild type (WT) and Integrin alpha 5 (ITGA5/CD49e) knockdown (KD) HeLa cells, using Integrin alpha 5 (ITGA5/CD49e) antibody (STJ11104927) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.



Western blot analysis of extracts from A-549 cells, using Integrin alpha 5 (ITGA5/CD49e) antibody (STJ11104927) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.