

Anti-ITGB4 antibody (1604-1822) [S3MR] (STJ11102113)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

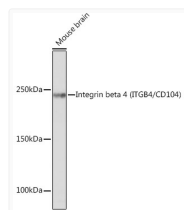
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 202kDa Observed Mw: 210kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

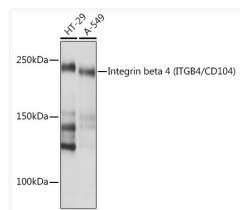
Gene ID	3691
Gene Symbol	ITGB4
UniProt ID	ITB4_HUMAN
Immunogen Region	1604-1822
Immunogen Sequence	SQEGWGREREGVITIESQVH PQSPLCPLPGSAFTLSTPSA PGPLVFTALSPDSLQLSWER PRRPNGDIVGYLVTCEMAQG GGPATAFRVDGDSPE SRLTV PGLSENVYPYKFVQARTTEG FGPEREGIIIESQDGGPFP QLGSRAGLFQHP LQSEYSSI TTTHTSATEPFLVDGLTLGA QHLEAGGSLTRHVTQEFVSR TLTTSGTLSTHMDQQFFQT
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1604-1822 of human ITGB4 (P16144).

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 of Mouse brain, using Integrin beta 4 (ITGB4/CD104) Rabbit monoclonal antibody (STJ11102113) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 3min.



Western blot analysis of extracts of various cell lines, using Integrin beta 4 (ITGB4/CD104) Rabbit monoclonal antibody (STJ11102113) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.