

Anti-ITGA2 antibody (1082-1181) [S5MR] (STJ11101605)
STJ11101605

GENERAL INFORMATION

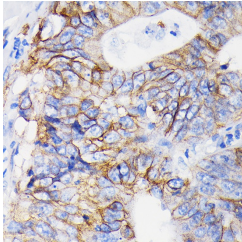
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

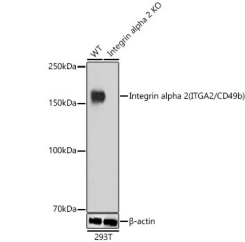
Clonality	Monoclonal
Clone ID	S5MR
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:6000 IHC-P:1:200-1:800 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

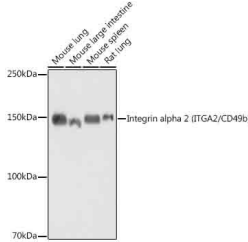
Gene ID	3673
Gene Symbol	ITGA2
Uniprot ID	ITA2_HUMAN
Immunogen	
Immunogen Region	1082-1181
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1082-1181 of human Integrin alpha 2 (ITGA2/CD49b) (P17301).
Immunogen Sequence	GTFASSTFQTVQLTAAAEIN TYNPEIYVIEDNTVTIPLMI MKPDEKAEVPTGVIIGSIIA GILLLLALVAILWKLGF FKR KYEKMTKNPDEIDETTELSS



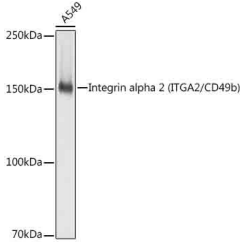
Immunohistochemistry analysis of Integrin alpha 2 (ITGA2/CD49b) in paraffin-embedded human colon carcinoma using Integrin alpha 2 (ITGA2/CD49b) (ITGA2/CD49b) Rabbit monoclonal antibody (STJ11101605) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of lysates from wild type (WT) and Integrin alpha 2 (ITGA2/CD49b) knockout (KO) 293T cells, using [KO Validated] Integrin alpha 2 (ITGA2/CD49b) Rabbit monoclonal antibody (STJ11101605) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000856) 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: 1s.



Western blot analysis of various lysates, using [KO Validated] Integrin alpha 2 (ITGA2/CD49b) Rabbit monoclonal antibody (STJ11101605) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000856) 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: 10s.



Western blot analysis of lysates from A549 cells, using [KO Validated] Integrin alpha 2 (ITGA2/CD49b) Rabbit monoclonal antibody (STJ11101605) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000856) 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: 1s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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