Anti-ITGA4 antibody [ARC0888] (STJ11101987)

STJ11101987

GENERAL INFORMATION

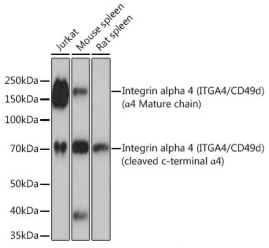
Product Type	Primary antibodies
Short Description	Rabbit monoclonal antibody anti-Integrin alpha 4 is suitable for use in Western Blot and Immunohistochemistry.
Applications	WB, IHC
Host/Source	Rabbit
Reactivity	Human, Mouse, Rat

PRODUCT PROPERTIES

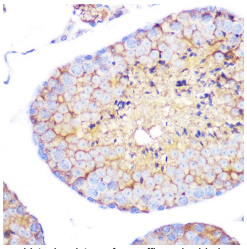
Clonality	Monoclonal
Clone ID	ARC0888
Concentration	
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB 1:500-1:2000 IHC 1:50-1:200
Formulation	PBS containing 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH7.3.
Isotype	IgG
Storage Instruction	Store in a freezer at-20°C and avoid freeze-thaw cycles.

TARGET INFORMATION

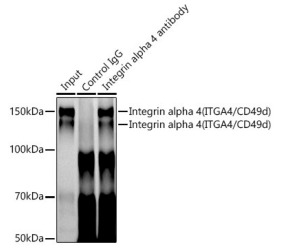
Gene ID	3676
Gene Symbol	ITGA4
Uniprot ID	ITA4_HUMAN
Immunogen	A synthesized peptide derived from human Integrin alpha 4 (ITGA4/CD49d) (ITGA4/CD49d)
Immunogen Region	
Specificity	
Immunogen Sequence	



Western blot analysis of extracts of various cell lines, using Integrin alpha 4 (ITGA4/CD49d) (ITGA4/CD49d) rabbit monoclonal antibody (STJ11101987) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3min.



Immunohistochemistry of paraffin-embedded mouse testis using Integrin alpha 4 (ITGA4/CD49d) (ITGA4/CD49d) rabbit monoclonal antibody (STJ11101987) 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.



Immunoprecipitation analysis of 300ug extracts of Jurkat cells using 3ug Integrin alpha 4 (ITGA4/CD49d) antibody (STJ11101987). Western blot was performed from the immunoprecipitate using Integrin alpha 4 (ITGA4/CD49d) antibody (STJ11101987) at a dilition of 1:500.

St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081