

Anti-ITGA5 antibody (750-1000) (STJ27965)
STJ27965

GENERAL INFORMATION

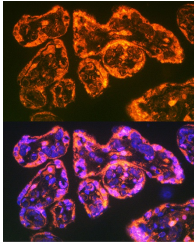
Product Type	Primary antibodies
Short Description	
Applications	WB/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

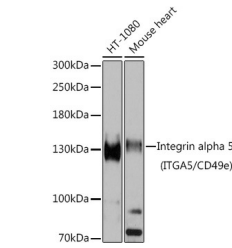
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 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

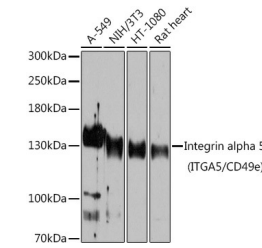
Gene ID	3678
Gene Symbol	ITGA5
Uniprot ID	ITA5_HUMAN
Immunogen	
Immunogen Region	750-1000
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 750-1000 of human Integrin alpha 5 (ITGA5/CD49e) (NP_002196.4).
Immunogen Sequence	TVPHLRDTKTKIQDFQILS KNLNNSQSDVVSFRLSVEAQ AQVTLNGVSKPEAVLFPVSD WHPRDQPQKEEDLGPAVHHV YELINQGPSSISQGVLELSC PQALEGQQLLYVTRVTGLNC TTNHPINPKGLELDPEGLH HQQKREAPSRSSASSGPGIL KCPEAECFRLRCELGPLHQQ ESQSLQLHFRWAKTFLQRE HQPFSLQCEAVYKALKMPYR ILPRQLPQKERQVATAVQW



Immunofluorescence analysis of Human placenta using Integrin alpha 5 (ITGA5/CD49e) antibody (STJ27965) at dilution of 1:100. Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using Integrin alpha 5 (ITGA5/CD49e) antibody (STJ27965) 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 Enhanced Kit. Exposure time: 30s.



Western blot analysis of extracts of various cell lines, using Integrin alpha 5 (ITGA5/CD49e) antibody (STJ27965) 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: 90s.

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