

Anti-CHI3L1 antibody (22-383) (STJ116193)
STJ116193

GENERAL INFORMATION

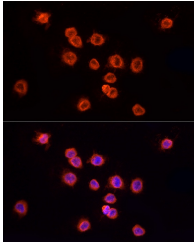
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

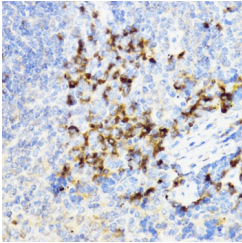
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 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

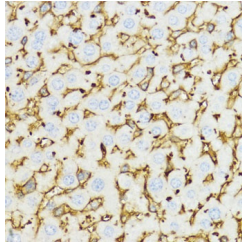
Gene ID	1116
Gene Symbol	CHI3L1
Uniprot ID	CH3L1_HUMAN
Immunogen	
Immunogen Region	22-383
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 22-383 of YKL-40/CHI3L1 (NP_001267.2).
Immunogen Sequence	YKLVCYYTSWSQYREGDGSC FPDALDRFLCTHIIYSFANI SNDHIDTWEWNDVTLYGMLN TLKNRNPNLKTLSSVGGWNF GSQRFASKIASNTQSRRTFIK SVPPFLRTHGFDGLDLAWLY PGRDRKQHFHTLIKEMKAEF IKEAQPQKKQLLSAALSAG KVTIDSSYDIAKISQHLDFI SIMTYDFHGAWRGTTGHHSP LFRGQEDASPDRTFSNTDYAV GYMLRLGAPASKLVMGIPT



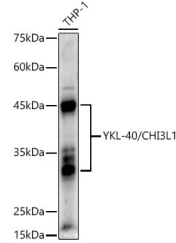
Immunofluorescence analysis of THP-1 cells using YKL-40/CHI3L1 Rabbit polyclonal antibody (STJ116193) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of YKL-40/CHI3L1 in paraffin-embedded mouse spleen using YKL-40/CHI3L1 Rabbit polyclonal antibody (STJ116193) 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.



Immunohistochemistry analysis of YKL-40/CHI3L1 in paraffin-embedded mouse liver using YKL-40/CHI3L1 Rabbit polyclonal antibody (STJ116193) 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 THP-1 cells, using YKL-40/CHI3L1 Rabbit polyclonal antibody (STJ116193) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJSD00856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 180s.

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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