

Anti-CHI3L1 antibody (22-383) (STJ11101169)
STJ11101169

GENERAL INFORMATION

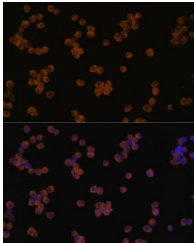
Product Type	Primary antibodies
Short Description	
Applications	WB/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

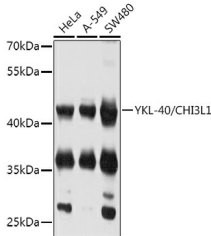
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:500-1:2000
Range	IF/CC:1:50-1:200
	ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% 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 GSRQFSKIASNTQSRRTFIK SVPPFLRTHGFDGLDLAWLY PGRDQKHFTTLIKEMKAEF IKEAQPGKKQLLSAALSAG KVTIDSSYDIAKISQHLDFI SIMTYDFHGAWRGTTGHHSP LFRGQEDASPD RFSNTDYAV GYMLRLGAPASKLVMGIPT



Immunofluorescence analysis of Raw264.7 cells using YKL-40/CHI3L1 antibody (STJ11101169) at dilution of 1:100. Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using YKL-40/CHI3L1 antibody (STJ11101169) at 1:2000 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: 3s.

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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