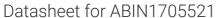
# antibodies .- online.com







# anti-CHI3L2 antibody (AA 121-220) (Cy5.5)



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Quantity:	100 μL	
Target:	CHI3L2	
Binding Specificity:	AA 121-220	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This CHI3L2 antibody is conjugated to Cy5.5	
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))	

#### **Product Details**

Immunogen:	KLH conjugated synthetic peptide derived from human YKL39/CHI3L2	
Isotype:	IgG	
Cross-Reactivity:	Human	
Purification:	Purified by Protein A.	

## **Target Details**

Target:	CHI3L2
Alternative Name:	YKL39/CHI3L2 (CHI3L2 Products)
Background: Synonyms: CH3L2_HUMAN, CHI3L2, Chitinase 3 like 2, Chitinase-3-like protein 2, Chondr	

protein 39, OTTHUMP00000014028, YKL 39, YKL-39, YKL39.

Background: YKL-39 is a 390 amino acid cartilage protein that belongs to the chitinase family of chitin-fragmenting hydrolases. Highly expressed in chondrocytes (cartilage cells) and synoviocytes (fibroblastic cells that line joint cavities), YKL-39 binds glycan structures with high affinity. Although related to bacterial chitinases, YKL-39 lacks the characteristic glutamate active site and, thus, does not have enzymatic chitinase activity. Patients affected with rheumatoid arthritis (RA) have autoimmunity against YKL-39, suggesting that YKL-39 is involved in osteoarthritic and/or rheumatoid joint disease. Additionally, YKL-39 is upregulated in early degenerative cartilage diseases (such as RA) and may be a marker of chondrocyte activation in these autoimmune conditions.

Gene ID:

7690

## **Application Details**

Application Notes: IF(IHC-P) 1:50-200

IF(IHC-F) 1:50-200 IF(ICC) 1:50-200

Restrictions: For Research Use only

#### Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months