

## **Product datasheet for TA355387**

#### OriGene Technologies, Inc.

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## **CHI3L1 Mouse Monoclonal Antibody [Clone ID: 1D6]**

### **Product data:**

**Product Type:** Primary Antibodies

Clone Name: 1D6
Applications: WB

Reactivity: Human Host: Mouse

Isotype:IgM, kappaClonality:Monoclonal

**Specificity: Expected reactivity**: Human

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

**Concentration:** lot specific

**Conjugation:** Unconjugated

**Storage:** For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

**Stability:** Shelf life: one year from despatch.

**Predicted Protein Size:** 42kDa

**Gene Name:** chitinase 3 like 1

Database Link: NP 001267

Entrez Gene 1116 Human

P36222

**Background:** Chitinases catalyze the hydrolysis of chitin, which is an abundant glycopolymer found in

insect exoskeletons and fungal cell walls. The glycoside hydrolase 18 family of chitinases includes eight human family members. This gene encodes a glycoprotein member of the glycosyl hydrolase 18 family. The protein lacks chitinase activity and is secreted by activated macrophages, chondrocytes, neutrophils and synovial cells. The protein is thought to play a

role in the process of inflammation and tissue remodeling.

Synonyms: ASRT7; CGP-39; DKFZp686N19119; FLJ38139; GP-39; GP39; HC-gp39; HCGP-3P; hCGP-39; YKL-

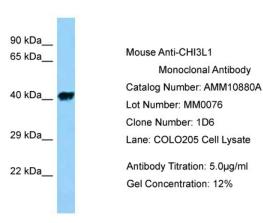
40; YKL40; YYL-40





**Protein Families:** Secreted Protein

# **Product images:**



WB Suggested Anti-CHI3L1 Antibody

Titration: 5 ug/ml

Positive Control: COLO205 Whole Cell