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Datasheet for ABIN909458

## anti-Olfactomedin 4 antibody (AA 111-510) (Alexa Fluor 647)

### Overview

Quantity:	100 µL
Target:	Olfactomedin 4 (OLFM4)
Binding Specificity:	AA 111-510
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Olfactomedin 4 antibody is conjugated to Alexa Fluor 647
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 OLFM4
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Pig,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	Olfactomedin 4 (OLFM4)
Alternative Name:	OLFM4 ( <a href="#">OLFM4 Products</a> )

## Target Details

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Background: Synonyms: GC1, OLM4, OlfD, GW112, hGC-1, hOLfD, UNQ362, bA209J19.1, Olfactomedin-4, Antiapoptotic protein GW112, G-CSF-stimulated clone 1 protein, OLFM4, UNQ362/PRO698  
Background: May promote proliferation of pancreatic cancer cells by favoring the transition from the S to G2/M phase. In myeloid leukemic cell lines, inhibits cell growth and induces cell differentiation and apoptosis. May play a role in the inhibition of EIF4EBP1 phosphorylation/deactivation. Facilitates cell adhesion, most probably through interaction with cell surface lectins and cadherin.

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Gene ID: 10562

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UniProt: [Q6UX06](#)

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## Application Details

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

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months

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