



OLFM4 mouse mAb

Catalog No	YP-mAb-18268
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	OLFM4 GW112 UNQ362/PRO698
Immunogen	Synthesized peptide derived from human OLFM4
Specificity	This antibody detects endogenous levels of OLFM4 at Human
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Antiapoptotic protein GW112;bA29J19.1;GC1;GW112;hGC 1;hOLFd;KIAA4294;olfactomedin 4;OlfD;OLFM4;OLM4;UNQ362;OLFM4 GW112 UNQ362/PRO698;Olfactomedin-4 (OLM4) (Antiapoptotic protein GW112) (G-CSF-stimulated clone 1 protein) (hGC-1) (hOLFd)
Observed Band	56kD
Calculated Molecular Weight	57 kDa
Cell Pathway	Secreted, extracellular space. Mitochondrion. Subcellular location is not clearly defined: has been shown to be secreted (PubMed:16566923), but also in the mitochondrion (PubMed:15059901 and PubMed:20724538), cytoplasm and plasma membrane (PubMed:20724538) and in the nucleus (PubMed:15059901) . .
Tissue Specificity	Expressed during myeloid lineage development. Much higher expression in bone marrow neutrophils than in peripheral blood neutrophils (at protein level). Strongly expressed in the prostate, small intestine and colon and moderately expressed in the bone marrow and stomach. Overexpressed in some pancreatic cancer tissues.

**Function**

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.

Background**matters needing attention**

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images