



NGAL mouse mAb

Catalog No	YP-mAb-12478
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	NGAL
Protein Name	NGAL
Immunogen	Synthesized peptide derived from human NGAL
Specificity	This antibody detects endogenous levels of Human NGAL
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	Neutrophil gelatinase-associated lipocalin (NGAL;25 kDa alpha-2-microglobulin-related subunit of MMP-9;Lipocalin-2;Oncogene 24p3;Siderocalin LCN2;p25)
Calculated Molecular Weight	22kD
Cell Pathway	Secreted . Cytoplasmic granule lumen . Cytoplasmic vesicle lumen . Upon binding to the SLC22A17 (24p3R) receptor, it is internalized (By similarity). Releases the bound iron in the acidic lumen of cytoplasmic vesicles (PubMed:12453413, PubMed:20581821). .
Tissue Specificity	Detected in neutrophils (at protein level) (PubMed:7683678, PubMed:8298140). Expressed in bone marrow and in tissues that are prone to exposure to microorganism. High expression is found in bone marrow as well as in uterus, prostate, salivary gland, stomach, appendix, colon, trachea and lung. Not found in the small intestine or peripheral blood leukocytes.
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