

## Product datasheet for **TA347009M**

### NGAL (LCN2) Mouse Monoclonal Antibody [Clone ID: 4C12-C9-A10]

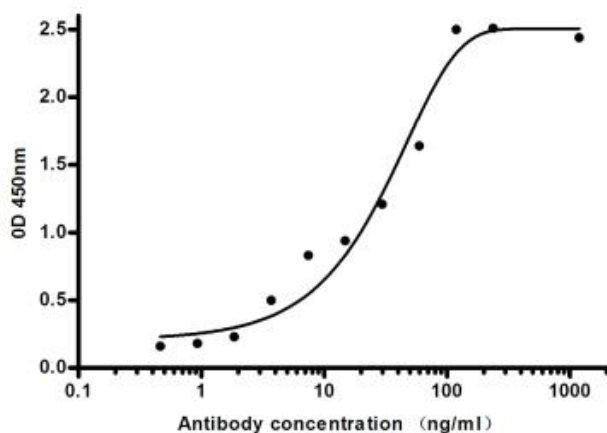
#### Product data:

Product Type:	Primary Antibodies
Clone Name:	4C12-C9-A10
Applications:	ELISA
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	The immunogen for NGAL antibody: Recombinant protein of human NGAL.
Formulation:	Purified mouse monoclonal antibody in PBS(pH 7.4) containing with 0.03% Proclin300 and 50% glycerol.
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	lipocalin 2
Database Link:	<a href="#">NP_005555</a> <a href="#">Entrez Gene 3934 Human</a> <a href="#">P80188</a>
Background:	Lipocalin-2 (LCN2), also known as neutrophil gelatinase-associated lipocalin (NGAL), is a protein that in humans is encoded by the LCN2 gene. NGAL is involved in innate immunity by sequestering iron that in turn limits bacterial growth. It is expressed in neutrophils and in low levels in the kidney, prostate, and epithelia of the respiratory and alimentary tracts. In the case of acute kidney injury (AKI), NGAL is secreted in high levels into the blood and urine within 2 hours of injury. So NGAL is used as a biomarker of kidney injury.
Synonyms:	24p3; MSFI; NGAL
Protein Families:	Secreted Protein



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## Product images:



Indirect ELISA assay for anti-NGAL mouse mAb. Antigen coating concentration: 4ug/ml.