

## Anti-NGAL/Lipocalin-2 Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 20 kDa.
Purification:	Protein A purified

## Applications

Verified Activity:	Tissue/cell: human colon carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-NGAL Polyclonal Antibody, Unconjugated (TMAB-01234) 1:200, overnight at 4° C, followed by conjugation to the secondary antibody and DAb staining.
Application:	ELISA,IF,IHC-Fr,IHC-P
Recommended	ELISA=1:5000-10000; IF=1:100-500; IHC-Fr=1:100-500; IHC-P=1:100-500

## Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human Lipocalin 2
Antigen Species:	Human
Gene ID:	3934
Uniprot ID:	P80188
Synonyms:	Lipocalin-2;Siderocalin LCN2;Oncogene 24p3;p25;MSFI;NGAL
Biology Area:	Tumor biomarkers,Binding proteins,Non-CD,Fatty acids,Fatty acid oxidation,Cancer,Lipid metabolism

## Research Background

Lipocalin 2 is a member of the lipocalin family which encompass more than 25 members (including proteins like retinol binding protein, a1 microglobulin, b lactoglobulin, apolipoprotein D and odorant binding protein). The members of the lipocalin family are characterized by their ability to bind small lipophilic substances in their hydrophobic core, and thereby serve as transporters of substances.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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