



Rabbit Anti-Endomucin antibody

SL4808R

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| Product Name: | Endomucin |
| Chinese Name: | 内皮粘蛋白EMCN抗体 |
| Alias: | EMCN; EMCN2; Endomucin 2; Endomucin; Endomucin-2; Endothelial sialomucin; Gastric cancer antigen Ga34; MUC-14; MUCEN HUMAN; Mucin 14; Mucin-14. |
| Organism Species: | Rabbit |
| Clonality: | Polyclonal |
| React Species: | Human, |
| Applications: | ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user. |
| Molecular weight: | 25kDa |
| Cellular localization: | The cell membraneSecretory protein |
| Form: | Lyophilized or Liquid |
| Concentration: | 1mg/ml |
| immunogen: | KLH conjugated synthetic peptide derived from human Endomucin:21-120/261<Extracellular> |
| Lsotype: | IgG |
| Purification: | affinity purified by Protein A |
| Storage Buffer: | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol. |
| Storage: | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |
| PubMed: | PubMed |
| Product Detail: | Endothelial sialomucin, also called endomucin or mucin-like sialoglycoprotein, which interferes with the assembly of focal adhesion complexes and inhibits interaction between cells and the extracellular matrix. |
| | Function: |

Endothelial sialomucin, also called endomucin or mucin-like sialoglycoprotein, which interferes with the assembly of focal adhesion complexes and inhibits interaction between cells and the extracellular matrix.

Subcellular Location:

Isoform 1: Cell membrane; Single-pass type I membrane protein. Membrane; Single-pass type I membrane protein. Note=Consistently localized to the plasma membrane and less abundantly to Golgi-like perinuclear stacks.

Isoform 2: Secreted (Potential).

Tissue Specificity:

Expressed in heart, kidney and lung.

Post-translational modifications:

Highly O-glycosylated. Sialic acid-rich glycoprotein.

SWISS:

Q9ULC0

Gene ID:

51705

Database links:

[Entrez Gene: 51705](#) Human

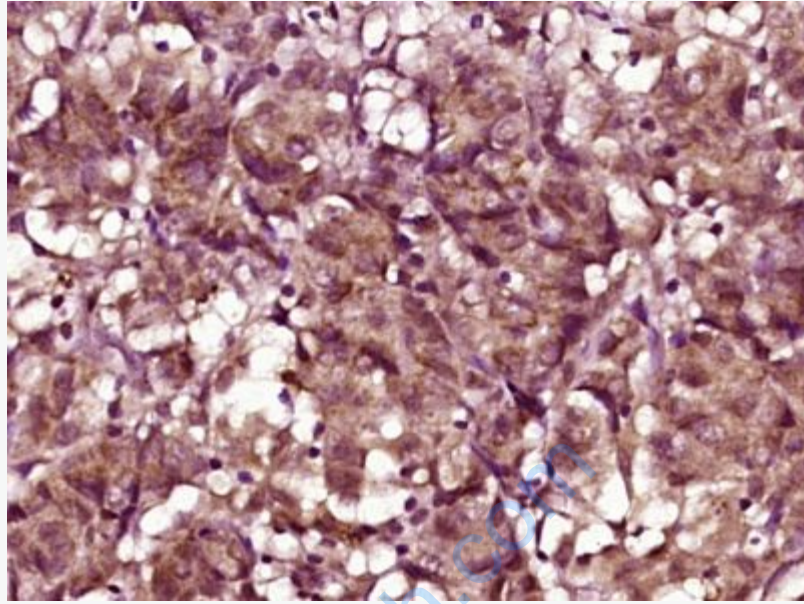
[Omim: 608350](#) Human

[SwissProt: Q9ULC0](#) Human

[Unigene: 152913](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



Picture:

Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Endomucin) Polyclonal Antibody, Unconjugated (SL4808R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.