

# Endomucin Rabbit pAb

Endomucin Rabbit pAb Catalog # AP58247

#### **Product Information**

Application WB
Primary Accession Q9ULC0
Reactivity Human
Host Rabbit
Clonality Polyclonal
Calculated MW 27452
Physical State Liquid

Immunogen KLH conjugated synthetic peptide derived from human Endomucin

**Epitope Specificity** 21-120/261 **Isotype** IgG

**Purity** affinity purified by Protein A

**Buffer** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

**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).

Post-translational modifications Important Note

 $\label{thm:lightyout} \mbox{Highly O-glycosylated. Sialic acid-rich glycoprotein.}$ 

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

**Background Descriptions** 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.

### **Additional Information**

**Gene ID** 51705

Other Names Endomucin, Endomucin-2, Gastric cancer antigen Ga34, Mucin-14, MUC-14,

EMCN, EMCN2, MUC14

**Target/Specificity** Expressed in heart, kidney and lung.

**Dilution** WB=1:500-2000

**Storage** Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

#### **Protein Information**

Name EMCN

**Synonyms** EMCN2, MUC14

**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.

**Cellular Location** [Isoform 1]: Cell membrane; Single-pass type I membrane protein.

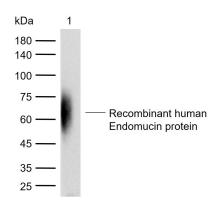
Membrane; Single-pass type I membrane protein Note=Consistently localized to the plasma membrane and less abundantly to Golgi-like perinuclear stacks

**Tissue Location** Expressed in heart, kidney and lung.

## **Background**

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.

## **Images**



Sample:

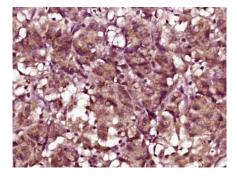
Lane 1: Recombinant human Endomucin

protein(AP58247)

Primary: Anti-Endomucin (AP58247) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000

dilution

Predicted band size: 25 kDa Observed band size: 65 kDa



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 (AP58247) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.