

Endomucin Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP58247

Specification

Endomucin Polyclonal Antibody - Product Information

Application WB, IHC-F, IF, E

Primary Accession

Host

Clonality

Calculated MW

Physical State

Q9ULC0

Rabbit

Polyclonal

25 KDa

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.lsoform 2:

Secreted (Potential).

Post-translational modifications Highly O-glycosylated. Sialic acid-rich

glycoprotein.

Important Note 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.

Endomucin Polyclonal Antibody - 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~~1:1000<br \> <span class
="dilution_IHC-F">IHC-F~~N/A<br \> <span class
="dilution_IF">IF~~1:50~200<br \> E~~N/A

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.

Endomucin Polyclonal Antibody - 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.

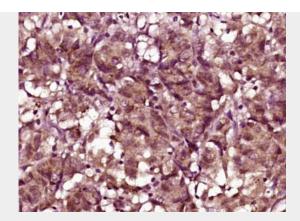
Endomucin Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Endomucin Polyclonal Antibody - Images





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 (bs-4808R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.