

MUC1 Recombinant antibody

Cat:B32024R

Company: Haokebio

Uniprot ID:P15941

Applications: IHC:1:100-1:200

Organism:Rabbit

IHC-Polymer:1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

Background:

MUC1 is a type I transmembrane glycoprotein. Besides protecting epithelial cells from damage caused by external stimuli, it also participates in intercellular adhesion, proliferation, migration, invasion, and cell survival. Under normal conditions, MUC1 is mainly expressed on the apical or luminal surfaces of epithelial cells in various tissues and organs, showing apical and polar distribution. However, it is rarely or almost not expressed in the gastrointestinal epithelium, uterine epithelium, and prostate. Recently, it has been found that MUC1 is also expressed in various cells of the hematopoietic system (such as T cells, B cells, dendritic cells, etc.). Its immunoreactivity is usually observed on the apical cell membrane, and staining in the Golgi apparatus region can also be seen.

Protein full name:

mucin 1, cell surface associated

Synonyms:

CA15-3, CA153, MUC1, CA15 3, CA 15-3

Immunogen:

Peptide

Isotype:

IgG

Subcellular location:

Cytoplasm, Cell membrane

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

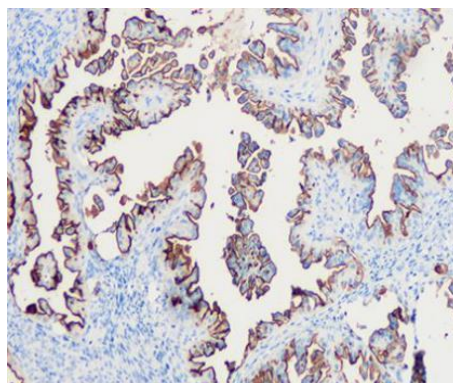
PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:


Sample: Human ovarian cancer tissue, 4% PFA 12-24h

Source of Reagents:

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发表[英文论文]请标注:MUC1(B32024R) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.