

MUC1 Recombinant Rabbit Monoclonal Antibody

Cat:HKZ150152
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

Predicted Molecular Weight: 122 kDa

Background:

MUC1 is a type I transmembrane glycoprotein that not only protects epithelial cells from external damage but also participates in cell adhesion, proliferation, motility, invasion, and survival. Under normal conditions, MUC1 is primarily expressed on the apical/luminal surfaces of epithelial cells in various tissues and organs, exhibiting apical/polar distribution. However, it shows minimal or no expression in gastrointestinal epithelium, uterine epithelium, and prostate. Recent studies have identified MUC1 expression in hematopoietic cells (e.g., T cells, B cells, dendritic cells). Immunoreactivity is typically observed on the apical cell membrane, with occasional staining in the Golgi region.

Protein full name:

Mucin 1

Synonyms:

MUC1

Immunogen:

A synthetic peptide corresponding to amino acid residues 1155–1255 of MUC1.

Isotype:

IgG

Subcellular location:

Cell membrane/Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

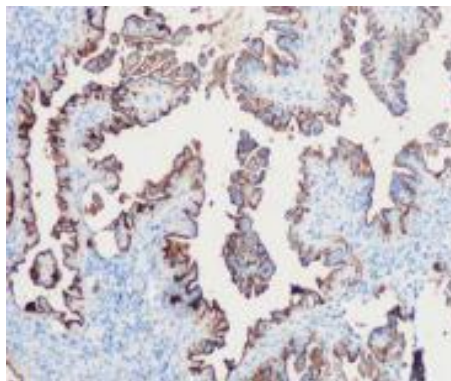
59% PBS, 0.01% sodium azide, 40% glycerol, 0.05% BSA.

Storage:

Ship on blue ice. Upon receipt, aliquot and store at -25°C to -18°C. Avoid repeated freeze-thaw cycles.

Experimental procedure:

Antigen retrieval using Tris-EDTA buffer (pH 9.0); primary antibody incubation at room temperature (18 °C – 25 °C) for 30 minutes.

Images:


Immunohistochemical results of MUC1-labeled human ovarian cancer tissue (formalin-fixed, paraffin-embedded sections) using HKZ150152. Antigen retrieval was performed with Tris-EDTA buffer (pH 9.0).

Source of Reagents:

1. Croce MV, et.al, J Histochem Cytochem. 2003 Jun;51(6):781-8.
2. Nakamori S, et.al, Gastroenterology. 1994 Feb;106(2):353-61.

Source of Reagents:

发表[中文论文]请标注: MUC1 (HKZ150152) 由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注: MUC1 (HKZ150152) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

