Datasheet for ABIN784592

anti-MUC13 antibody (C-Term)

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3 Images

Overview

Quantity:	50 µg
Target:	MUC13
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MUC13 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Synthetic peptide from C-terminus of Human MUC13. Remarks: Antigen Modification: C-Terminus
Isotype:	IgG
Specificity:	This antibody detects endogenous levels of total MUC13 protein.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Immunoaffinity Chromatography

Target Details

Target:	MUC13

Target Details

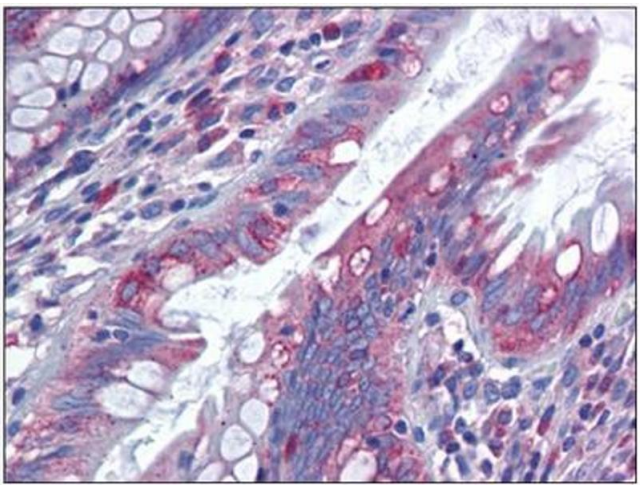
Alternative Name:	Mucin-13 (MUC13 Products)
Background:	Mucin 13 (MUC13) is a member of the epithelial mucin family of secreted and cell-surface glycoproteins expressed by ductal and glandular epithelial tissues. These transmembrane mucins are involved in barrier functions in epithelial tissues. Biochemical studies have shown that Mucin 13 is cleaved into two subunits and that the subunit containing the cytoplasmic tail undergoes homodimerization.Synonyms: DRCC1, MUC-13, MUC13, RECC, UNQ6194/PRO20221
Gene ID:	56667
NCBI Accession:	NP_149038

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

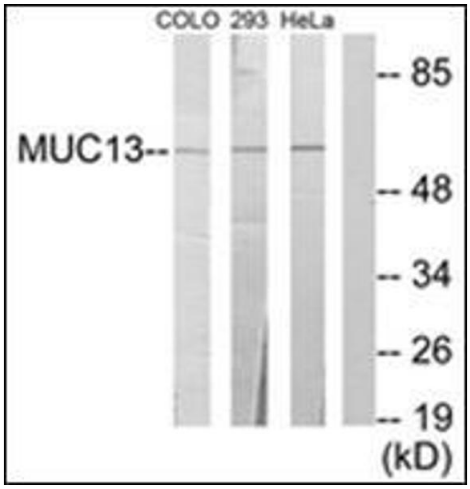
Handling

Concentration:	1.0 mg/mL
Buffer:	PBS (without Mg2+, Ca2+), pH 7.4, 150 mM Sodium Chloride, 0.02 % Sodium Azide and 50 % Glycerol
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store the antibody (in aliquots) at -20 °C or lower. Avoid freeze-thaw cycles.



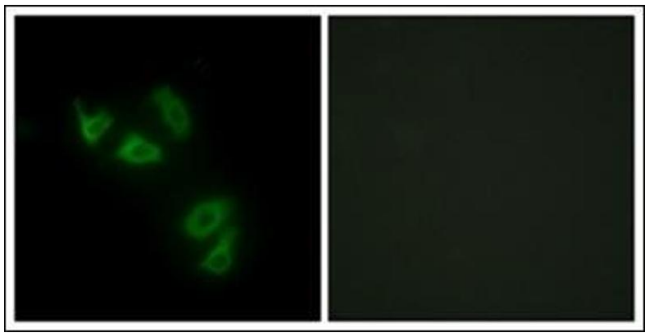
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Colon: Formalin-Fixed, Paraffin-Embedded (FFPE)



Western Blotting

Image 2. Western blot analysis of extracts from 293/HeLa/COLO205 cells, using MUC13 Antibody. The lane on the right is treated with the synthesized peptide.



Immunofluorescence

Image 3. Immunofluorescence analysis of HepG2 cells, using MUC13 Antibody. The picture on the right is treated with the synthesized peptide.

