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Datasheet for ABIN6937971

Recombinant anti-MUC6 antibody

Overview

Quantity:	100 µg
Target:	MUC6
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This MUC6 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

Product Details

Immunogen:	Recombinant full-length human MUC6 protein
Clone:	MUC6-1553R
Isotype:	IgG
Specificity:	<p>The MUC6 gastric mucin is a secreted glycoprotein that plays an essential role in epithelial cyto-protection from acid, proteases, pathogenic microorganisms, and mechanical trauma in the gastrointestinal tract. Mucin 6 expression is highest in the stomach and gall bladder, with lower expression in the terminal ileum and right colon. In gastric cancer, Mucin 6 has an altered expression. In normal stomach, Mucin 6 is associated with Lewis type 2, Mucin 6 is also expressed in gastric metaplasia, duodenum and pancreas. Mucin 6 is a secretory mucin, located in the deeper mucosal folds of human gall bladder, and its expression is altered with increasing degrees of inflammation.</p>

Product Details

Cross-Reactivity (Details): Human.

Purification: 1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target: MUC6

Alternative Name: MUC6 ([MUC6 Products](#))

Background: Gastric mucin 6, MUC6, MUC6 mucin, Mucin 6 oligomeric mucus/gel forming, Mucin glycoprotein Fragment, Mucin-6, Secretory mucin MUC6,MUC6 (Mucin 6 / Gastric Mucin)
Cellular localisation: Cytoplasmic & Secreted

Molecular Weight: 252kDa

Gene ID: 4588, 528432

UniProt: [Q6W4X9](#)

Application Details

Application Notes: Known_Application: Immunohistochemistry (Formalin-fixed) (2-4 µg/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes), Optimal dilution for a specific application should be determined.
Positive_Control: Human stomach tissue (IHC).

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: Prepared in 10 mM PBS, WITHOUT BSA and Azide.

Preservative: Azide free

Storage: -20 °C,-80 °C

Storage Comment: Antibody without azide store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.

Expiry Date: 24 months