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## Datasheet for ABIN6937970 **anti-MUC6 antibody**

### Overview

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

### Product Details

Immunogen:	Recombinant fragment covering tandem repeats of human MUC6 protein (exact sequence is proprietary)
Clone:	MUC6-916
Isotype:	IgG1 kappa
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

No Cross-Reactivity:	Rat (Rattus)
Cross-Reactivity (Details):	Human. Does not react with Rat.
Purification:	1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

## Target Details

Target:	MUC6
Alternative Name:	MUC6 ( <a href="#">MUC6 Products</a> )
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:	<a href="#">Q6W4X9</a>

## 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&degC 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