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anti-MUC6 antibody



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

Product Details

Immunogen:

Clone:	CLH5
Isotype:	IgG1 kappa
Specificity:	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.

A synthetic peptide of the Gastric Mucin 6 tandem repeat sequence

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: Flow Cytometry (1-2 μg/million cells), Immunofluorescence (1-2 μg/mL),
	Immunohistochemistry (Formalin-fixed) (2-4 μ g/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