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anti-MUC2 antibody (AA 36-351)





Go to Product page

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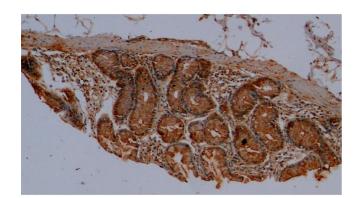
Quantity:	100 μL	
Target:	MUC2	
Binding Specificity:	AA 36-351	
Reactivity:	Pig	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This MUC2 antibody is un-conjugated	
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC)	

Product Details

Purpose:	Polyclonal Antibody to Mucin 2 (MUC2)	
Immunogen:	Recombinant Mucin 2 (MUC2) corresdonding to Val36~Cys351 with N-terminal His Tag	
Isotype:	IgG	
Specificity:	The antibody is a rabbit polyclonal antibody raised against MUC2. It has been selected for it ability to recognize MUC2 in immunohistochemical staining and western blotting.	
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography	
Target Details		
Target:	MUC2	

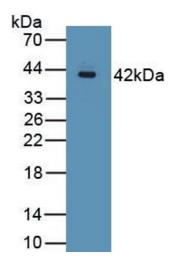
Target Details

Alternative Name:	Mucin 2 (MUC2 Products)	
Background:	MLP, SMUC, Oligomeric Mucus/Gel-Forming, Mucin 2,Intestinal/Tracheal	
Application Details		
Application Notes:	Western blotting: 0.5-2 μg/mL	
	Immunohistochemistry: 5-20 μg/mL	
	Immunocytochemistry: 5-20 μg/mL	
	Optimal working dilutions must be determined by end user.	
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated	
	thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious	
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration	
	date under appropriate storage condition.	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 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:	4 °C,-20 °C	
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without	
	detectable loss of activity. Avoid repeated freeze-thaw cycles.	
Expiry Date:	24 months	



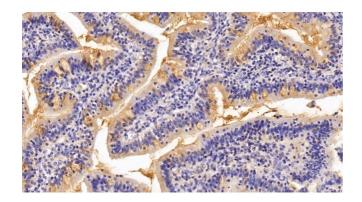
Immunohistochemistry

Image 1. Detection of MUC2 in Porcine Colon Tissue using Polyclonal Antibody to Mucin 2 (MUC2)



Western Blotting

Image 2. Detection of Recombinant MUC2, Porcine using Polyclonal Antibody to Mucin 2 (MUC2)



Immunohistochemistry

Image 3. Detection of MUC2 in Porcine Small intestine Tissue using Polyclonal Antibody to Mucin 2 (MUC2)