

Product datasheet

Anti-MUC17 antibody ab122184

★★★★★ [3 Abreviews](#) [4 References](#) [1 Image](#)

Overview

Product name	Anti-MUC17 antibody
Description	Rabbit polyclonal to MUC17
Host species	Rabbit
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human
Immunogen	antigen sequence, corresponding to amino acids 4122-4262 of Human MUC17.
Positive control	Human small intestine tissue.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	<p>pH: 7.20</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: 40% Glycerol (glycerin, glycerine), 59% PBS</p>
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

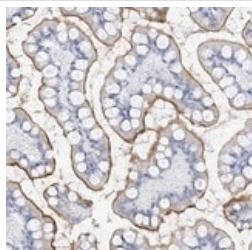
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab122184 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/500 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

Function	Probably plays a role in maintaining homeostasis on mucosal surfaces.
Tissue specificity	Expressed almost exclusively in the intestine. Expression is especially high in both the duodenum and transverse colon. Expressed in mature absorptive cells of the small intestinal villi. No expression is detected in goblet cells. Highly expressed in pancreatic adenocarcinoma tissue (at protein level). Expression is not detectable in normal pancreas, in pancreatitis or in cell lines derived from other cancers.
Sequence similarities	Contains 1 EGF-like domain. Contains 1 SEA domain.
Post-translational modifications	Probably cleaved within the SEA domain. N-glycosylated. Contains high mannose and complex-type glycans. The forms containing the complex type glycans localize to the cell surface. Not O-glycosylated.
Cellular localization	Cell membrane and Secreted. Cell membrane.

Images



ab122184 at 1/20 dilution staining MUC17 in Paraffin-embedded Human Small intestine tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MUC17 antibody (ab122184)

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