

## CAB4767

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### Product Information

<b>Product SKU:</b>	CAB4767	<b>Gene ID:</b>	4583	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	ARC1012	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human,Mouse,Rat

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### Additional Information

<b>Observed MW:</b>	110kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	551kDa	<b>Isotype:</b>	IgG

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### Immunogen Information

**Background:** This gene encodes a member of the mucin protein family. Mucins are high molecular weight glycoproteins produced by many epithelial tissues. The protein encoded by this gene is secreted and forms an insoluble mucous barrier that protects the gut lumen. The protein polymerizes into a gel of which 80% is composed of oligosaccharide side chains by weight. The protein features a central domain containing tandem repeats rich in threonine and proline that varies between 50 and 115 copies in different individuals. Downregulation of this gene has been observed in patients with Crohn disease and ulcerative colitis.

**Recommended Dilution:** WB,1:500 - 1:2000 IHC-P,1:100 - 1:500

**Synonyms:** MLP; SMUC; MUC-2; MUC2

**Purification Method:** Affinity purification

**Immunogen:** A synthetic peptide corresponding to a sequence within amino acids 5000-5100 of human MUC2 (Q02817).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.