German Research Products - GRP GmbH

In der Stockwiese 26

D-85410 Haag/Amper, Germany

Email: info@grp-ak.de Phone: +49 (0)8167 6335

Product Datasheet

MUC2 antibody [C3], C-term GRP14

Description 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.

[provided by RefSeq, Oct 2016]

Species/Host Rabbit

Reactivity Human, Mouse

Conjugation Unconjugated

Tested Applications ICC, IF, IHC-Fr, IHC-P

Immunogen Carrier-protein conjugated synthetic peptide encompassing a

sequence within the C-terminus region of human MUC2. The

exact sequence is proprietary.

Form/Appearance Liquid: 1XPBS, 1% BSA, 20% Glycerol (pH7). 0.025% ProClin 300

was added as a preservative.

Concentration 0.48 mg/ml

Storage Store as concentrated solution. Centrifuge briefly prior to opening

vial. For short-term storage (1-2 weeks), store at 4°C. For

long-term storage, aliquot and store at -20°C or below. Avoid

multiple freeze-thaw cycles.

Note For research use only.

Isotype IgG

Clonality Polyclonal

Purity Purified by antigen-affinity chromatography.

Uniprot ID Q02817

Entrez 4583

Dilution Range ICC: 1:100-1:1000,IHC-P: 1:100-1:1000



MUC2 antibody [C3],
C-term
detects secreted MUC2
protein
by immunohistochemical
analysis.Sample:
Paraffin-embedded mouse
colon.MUC2 stained by
MUC2
antibody [C3], C-term
(GRP466)
diluted at 1:2000.



MUC2 antibody [C3],
C-term
detects secreted MUC2
protein
by immunohistochemical
analysis.Sample:
Paraffin-embedded mouse
intestine.MUC2 stained by
MUC2
antibody [C3], C-term
(GRP466)
diluted at 1:2000.