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KRT4 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP6724b

Specification

KRT4 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession P19013

KRT4 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 3851

Other Names
Keratin, type II cytoskeletal 4, Cytokeratin-4, CK-4, Keratin-4, K4, Type-II keratin Kb4, KRT4, CYK4

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP6724b was selected from the C-term region of human KRT4. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

KRT4 Antibody (C-term) Blocking Peptide - Protein Information

Name KRT4

Synonyms CYK4

Tissue Location
Detected in the suprabasal layer of the stratified epithelium of the esophagus, exocervix, vagina, mouth and lingual mucosa, and in cells and cell clusters in the mucosa and serous gland ducts of the esophageal submucosa (at protein level). Expressed widely in the exocervix and esophageal epithelium, with lowest levels detected in the basal cell layer.

KRT4 Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

KRT4 Antibody (C-term) Blocking Peptide - Images

KRT4 Antibody (C-term) Blocking Peptide - Background

The protein is a member of the keratin family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in differentiated layers of the mucosal and esophageal epithelia with family member KRT13.

KRT4 Antibody (C-term) Blocking Peptide - References

Zhang,J.M., Oral Dis 15 (1), 100-105 (2009)Samen,U., Infect. Immun. 75 (11), 5405-5414 (2007)