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Anti-Cytokeratin 4 Antibody

Catalog # AP61608

Product Information

Application	IHC
Primary Accession	P19013
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	56144

Additional Information

Gene ID	3851
Other Names	CYK4; Keratin type II cytoskeletal 4; Cytokeratin-4; CK-4; Keratin-4; K4; Type-II keratin Kb4
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within human Cytokeratin 4. The exact sequence is proprietary.
Dilution	IHC~~1:100~500
Format	Mouse IgG1. Liquid in PBS containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	KRT4 (HGNC:6441)
Synonyms	CYK4
Function	Structural component of intermediate filaments in mucosal stratified squamous epithelia. Forms heteropolymers with the type I keratin KRT13, assembling into keratin intermediate filament networks that provides structural integrity and mechanical stability of the mucosal epithelium.
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.

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