

KD-Validated Anti-Keratin 4 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1551

Product Information

Application	WB, FC, ICC
Primary Accession	P19013
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB6150
Calculated MW	56144
Gene Name	KRT4
Aliases	KRT4; Keratin 4; CYK4; K4; Keratin, Type II Cytoskeletal 4; CK4; Type-II Keratin Kb4; Cytokeratin 4; CK-4; Keratin 4, Type II; Cytokeratin-4; Keratin-4; WSN1
Immunogen	A synthesized peptide derived from human Cytokeratin 4

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

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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