

Anti-Cytokeratin 4 KRT4 Rabbit Monoclonal Antibody

Catalog # ABO14157

Product Information

Application	WB, IHC, IF, ICC, IP, FC
Primary Accession	P19013
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-Cytokeratin 4 KRT4 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human.

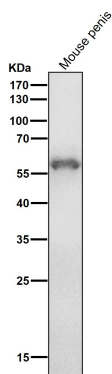
Additional Information

Gene ID	3851
Other Names	Keratin, type II cytoskeletal 4, Cytokeratin-4, CK-4, Keratin-4, K4, Type-II keratin Kb4, KRT4, CYK4
Calculated MW	56144
Application Details	WB 1:1000-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200 IP 1:50 FC 1:200
Tissue Specificity	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..
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: GDA-11
Immunogen	A synthesized peptide derived from human Cytokeratin 4
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

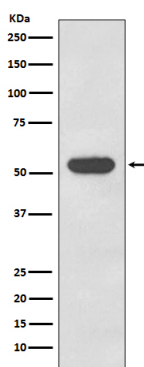
Protein Information

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.

Images



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



Western blot analysis of Cytokeratin 4 expression in A431 cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.