

KRT81 Polyclonal Antibody

Catalog number: 11342-1-AP

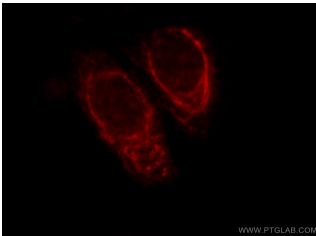
Size: 22 µg/150 µl

Source: Rabbit

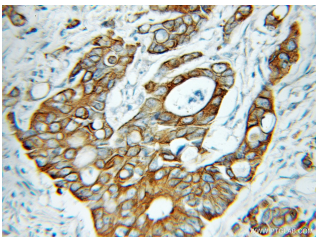
Isotype: IgG

Synonyms:

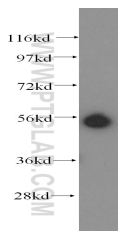
KRT81; ghHb1, ghHkb1, Hair keratin K2.9, Hb 1, HB1, hHAKB2 1, K81, keratin 81, Keratin, hair, basic, 1, Keratin, type II cuticular Hb1, KRT81, KRTHB1, MLN 137, MLN137, Type II hair keratin Hb1, Type II keratin Kb21



Immunofluorescent analysis of HepG2 cells, using KRT81 antibody 11342-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



Immunohistochemical of paraffin-embedded human colon cancer using 11342-1-AP(KRT81 antibody) at dilution of 1:50 (under 10x lens)



HEK-293 cells were subjected to SDS PAGE followed by western blot with 11342-1-AP(KRT81 antibody) at dilution of 1:300

Background

Keratins are a large family of proteins that form the intermediate filament cytoskeleton of epithelial cells, which are classified into two major sequence types. Type I keratins are a group of acidic intermediate filament proteins, including K9–K23, and the hair keratins Ha1–Ha8. Type II keratins are the basic or neutral counterparts to the acidic type I keratins, including K1–K8, and the hair keratins, Hb1–Hb6. KRT81 is a type II keratin.

Applications

Tested applications:	ELISA, WB, IHC, IF
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated KRT81 MW:	55 kDa
Observed KRT81 MW:	54 kDa
Positive WB detected in	HEK-293 cells, HeLa cells, human spleen tissue, mouse thymus tissue
Positive IHC detected in	Human colon cancer tissue
Positive IF detected in	HepG2 cells
Recommended dilution:	WB: 1:500-1:5000 IHC: 1:20-1:200 IF: 1:10-1:100

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag1890
GenBank accession number:	BC021241
Gene ID (NCBI):	3887
Full name:	Keratin 81

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.