

Nur für Forschungszwecke

Cytokeratin 19 Polyklonaler Antikörper



Katalog-Nr.:10712-1-AP

106 Publikationen

Allgemeine Informationen

Katalog-Nr.: 10712-1-AP	GenBank-Zugangsnummer: BC007628	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 500 µg/ml von Nanodrop;	GeneID (NCBI): 3880	Empfohlene Verdünnungen: WB 1:3000-1:30000 IHC 1:3000-1:12000 IF 1:200-1:800
Wirt: Kaninchen	Vollständiger Name: keratin 19	
Isotyp: IgG	Berechnete Masse: 40 kDa	
Immunogen Katalognummer: AG1085	Beobachtete Masse: 44-50 kDa	

Anwendungen

Geprüfte Anwendungen:

FC, IF, IHC, WB, ELISA

In Publikationen genannte Anwendungen:

FC, IF, IHC, WB

Getestete Reaktivität:

Human, Maus

Zitierte Arten:

Hausschwein, Human, Hund, Maus, Ratte, Ziege

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB: A431-Zellen, A549-Zellen, HepG2-Zellen, HT-29-Zellen, Maushirngewebe, Maus-Plazenta-Gewebe, MCF-7-Zellen

IHC: humanes Kolongewebe, humanes Hautgewebe, humanes Lungenkarzinomgewebe, humanes Magenkrebsgewebe, humanes Mammakarzinomgewebe, humanes Ösophaguskarzinomgewebe, humanes Pankreasgewebe, humanes Schilddrüsenkarzinomgewebe, Maushautgewebe, Maus-Kolongewebe, Mauslebergewebe

IF: HeLa-Zellen, HepG2-Zellen

Hintergrundinformationen

Keratins are a large family of proteins that form the intermediate filament cytoskeleton of epithelial cells. Keratin expression is highly regulated, tissue specific, and varies according to cell-state. Type I keratins consist of acidic, low molecular weight proteins with MW ranging from 40 kDa (KRT19) to 64 kDa (KRT9). Type 2 keratins consist of basic or neutral, high molecular weight proteins with MW from 52 kDa (KRT8) to 67 kDa (KRT18). Keratin 19 is a type I cytokeratin. It is a biochemical marker of skin stem cells in vivo and in vitro.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Takako Tabata	31569508	Vaccines (Basel)	IF
Sandra Ruiz García	31558434	Development	IF
Zichun Gu	28975248	JAMA Facial Plast Surg	IHC

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

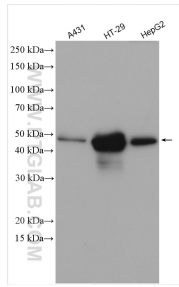
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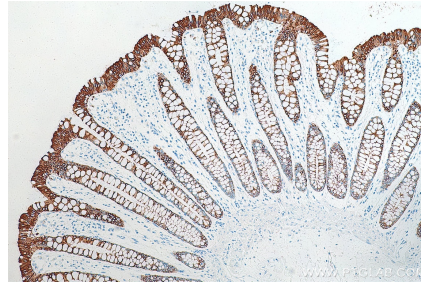
E: proteintech@ptglab.com
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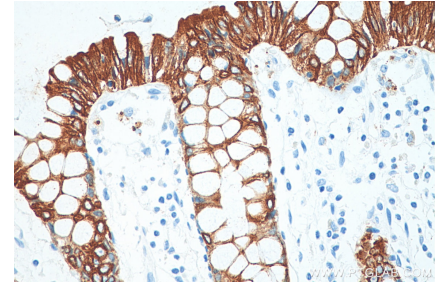
Ausgewählte Validierungsdaten



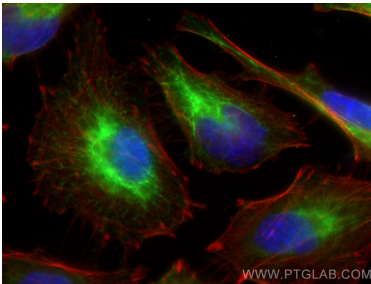
Various lysates were subjected to SDS PAGE followed by western blot with 10712-1-AP (Cytokeratin 19 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



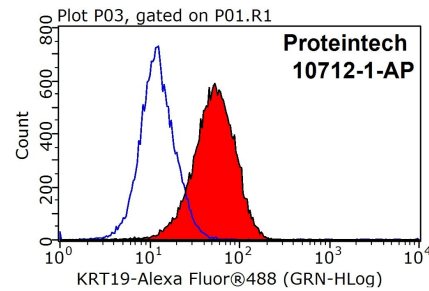
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 10712-1-AP (Cytokeratin 19 antibody) at dilution of 1:6000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 10712-1-AP (Cytokeratin 19 antibody) at dilution of 1:6000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using Cytokeratin 19 antibody (10712-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



1X10⁶ MCF-7 cells were stained with 0.2ug Cytokeratin 19 antibody (10712-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.