

Nur für Forschungszwecke

Cytokeratin 17 Polyklonaler Antikörper

Katalog-Nr.:18502-1-AP



Allgemeine Informationen

Katalog-Nr.: 18502-1-AP	GenBank-Zugangsnummer: BC011901	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 350 µg/ml von Nanodrop und 220 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 3872	Empfohlene Verdünnungen: WB 1:500-1:3000 IP 0.5-4.0 ug für IP und 1:500-1:1000 für WB
Wirt: Kaninchen	Vollständiger Name: keratin 17	IHC 1:20-1:200 IF 1:200-1:800
Isotyp: IgG	Berechnete Masse: 48 kDa	
Immunogen Katalognummer: AG13351	Beobachtete Masse: 48 kDa	

Anwendungen

Geprüfte Anwendungen: FC, IF, IHC, IP, WB, ELISA	Positivkontrollen:
Getestete Reaktivität: Human, Maus, Ratte	WB : HeLa-Zellen, A431-Zellen
Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	IP : HeLa-Zellen,
	IHC : humanes Zervixkarzinomgewebe, humanes Hautgewebe, humanes Kolonkarzinomgewebe, humanes Lungenkarzinomgewebe, humanes Pankreaskarzinomgewebe
	IF : HeLa-Zellen,

Hintergrundinformationen

Keratins are a large family of proteins that form the intermediate filaments that make up the cytoskeleton. Type I keratins are a group of acidic intermediate filament proteins and type II keratins are the basic or neutral counterparts. Keratin 17 is encoded by the KRT17 gene and is a type I cytokeratin found in nail beds, hair follicles, sebaceous glands, and epidermal appendages. The molecular weight of cytokeratin 17 is approximately 49 kDa. Cytokeratin 17 plays a role in the formation and maintenance of epidermal appendages, especially in determining the shape and orientation of hair. It is required for the maintenance of the anagen (growth) state of hair follicles by modulating the function of TNF-alpha for hair cycling and is also involved in tissue repair (PMID: 16702408).

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**

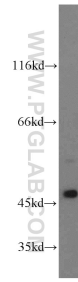
For technical support and original validation data for this product please contact:

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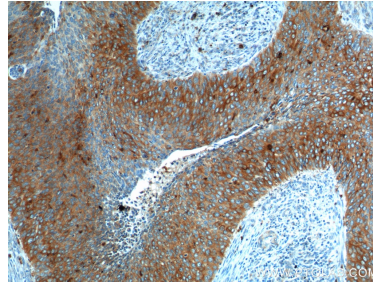
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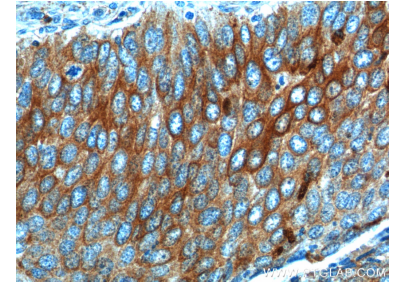
Ausgewählte Validierungsdaten



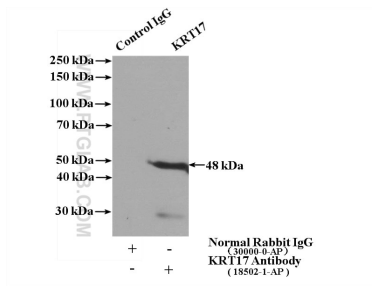
HeLa cells were subjected to SDS PAGE followed by western blot with 18502-1-AP (Cytokeratin 17 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



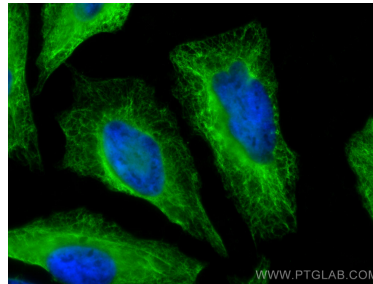
Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 18502-1-AP (Cytokeratin 17 antibody at dilution of 1:200 (under 10x lens).



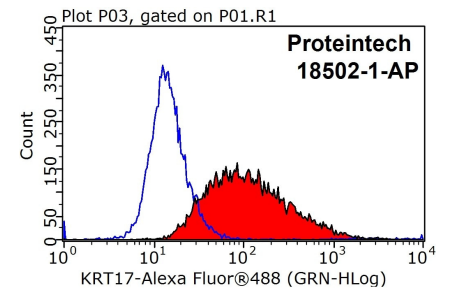
Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 18502-1-AP (Cytokeratin 17 antibody at dilution of 1:200 (under 40x lens).



IP Result of anti-Cytokeratin 17 (IP:18502-1-AP, 4ug; Detection:18502-1-AP 1:600) with HeLa cells lysate 1600ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using Cytokeratin 17 antibody (18502-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1X10⁶ HeLa cells were stained with 0.2ug Cytokeratin 17 antibody (18502-1-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.