

Nur für Forschungszwecke

Cytokeratin 7-specific Polyklonaler Antikörper



Katalog-Nr.: 17513-1-AP

Vorgestelltes Produkt

33 Publikationen

Allgemeine Informationen

Katalog-Nr.:
17513-1-AP

Größe:
150ul, Konzentration: 550 µg/ml von
Nanodrop;

Wirt:
Kaninchen

Isotyp:
IgG

GenBank-Zugangsnummer:
NM_005556

GeneID (NCBI):
3855

Vollständiger Name:
keratin 7

Berechnete Masse:
51 kDa

Beobachtete Masse:
51 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:5000-1:50000

IP 0.5-4.0 µg für IP und 1:500-1:2000
für WB

IHC 1:1000-1:4000

IF 1:200-1:800

Anwendungen

Geprüfte Anwendungen:

FC, IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, WB

Getestete Reaktivität:

Human

Zitierte Arten:

Human, Maus, Ratte

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, HeLa-Zellen, HepG2-Zellen

IP: HepG2-Zellen,

IHC: humanes Lungenkarzinomgewebe, humanes Mammakarzinomgewebe, humanes Nierengewebe, humanes Ovarialkarzinomgewebe, humanes Zervixkarzinomgewebe

IF: HepG2-Zellen,

Hintergrundinformationen

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. KRT7 is a type II keratin. It is specifically expressed in the simple epithelia lining the cavities of the internal organs and in the gland ducts and blood vessels. This antibody is specifically against KRT7.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Minghao Yan	31677783	Biochem Biophys Res Commun	IF
Xiaojing Liu	31675488	Placenta	IHC
Wen Xu	33060633	Sci Rep	IHC,WB,IF

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

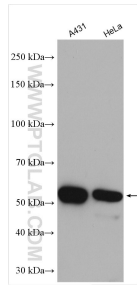
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

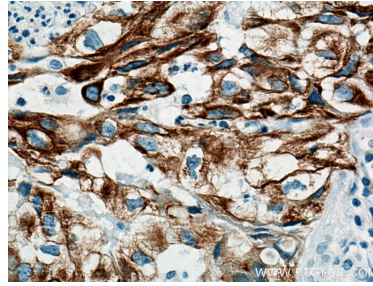
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

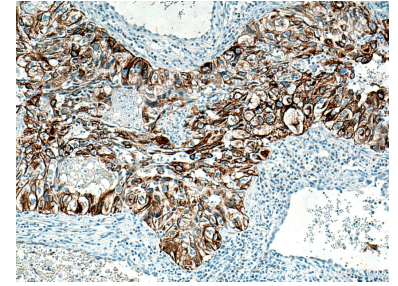
Ausgewählte Validierungsdaten



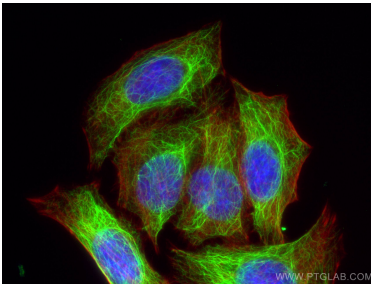
Various lysates were subjected to SDS PAGE followed by western blot with 17513-1-AP (Cytokeratin 7-specific antibody) at dilution of 1:30000 incubated at room temperature for 1.5 hours.



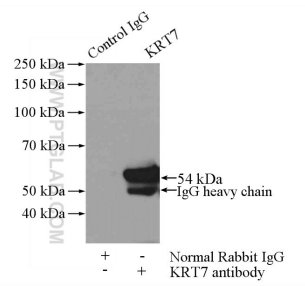
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 17513-1-AP (Cytokeratin 7-specific antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



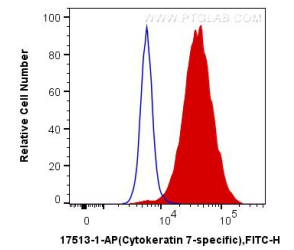
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 17513-1-AP (Cytokeratin 7-specific antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using Cytokeratin 7-specific antibody (17513-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



IP Result of anti-Cytokeratin 7-specific (IP:17513-1-AP, 4ug; Detection:17513-1-AP 1:1000) with HepG2 cells lysate 3600ug.



1×10^6 HeLa cells were intracellularly stained with 0.2 ug Anti-Human Cytokeratin 7-specific (17513-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.2 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).