

Nur für Forschungszwecke

Cytokeratin 14 Monoklonaler Antikörper



Katalog-Nr.: 60320-1-Ig **13 Publikationen**

Allgemeine Informationen

Katalog-Nr.: 60320-1-Ig	GenBank-Zugangsnummer: BC002690	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul, Konzentration: 1390 µg/ml von 3861 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): keratin 14	CloneNo.: 2G1E2
Wirt: Maus	Vollständiger Name: keratin 14	Empfohlene Verdünnungen: WB 1:500-1:2000 IHC 1:400-1:800 IF 1:20-1:200
Isotyp: IgG1	Berechnete Masse: 472 aa, 52 kDa	
Immunogen Katalognummer: AG17559	Beobachtete Masse: 52 kDa	

Anwendungen

Geprüfte Anwendungen: FC, IF, IHC, WB, ELISA	Positivkontrollen: WB : A431-Zellen, Maushautgewebe
In Publikationen genannte Anwendungen: IF, IHC, WB	IHC : humanes Lungenkarzinomgewebe, humanes Hautgewebe, humanes Hautkrebsgewebe, humanes Mammahyperplasie-Gewebe, humanes Zervixkarzinomgewebe, Rattenhautgewebe
Getestete Reaktivität: Hausschwein, Human, Maus, Ratte	IF : A431-Zellen, Maushautgewebe
Zitierte Arten: Human, Maus	
Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

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. Keratin 14 is a type I cytokeratin. It is usually found as a heterotetramer with keratin 5. Keratins K14 and K5 have long been considered to be biochemical markers of the stratified squamous epithelia, including epidermis.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Zhongwei Xin	36115836	Nat Commun	IF
Jiajun Xie	34482361	Signal Transduct Target Ther	WB,IHC
Jiali Li	36388171	Oxid Med Cell Longev	IF

Lagerung

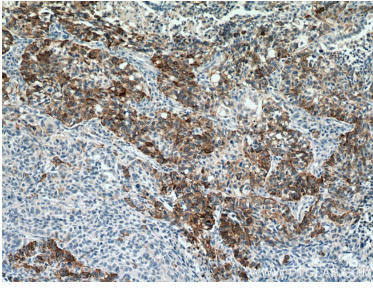
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

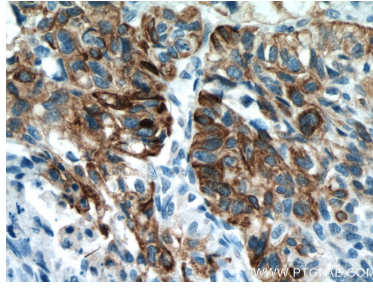
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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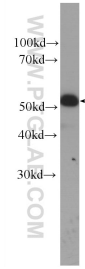
Ausgewählte Validierungsdaten



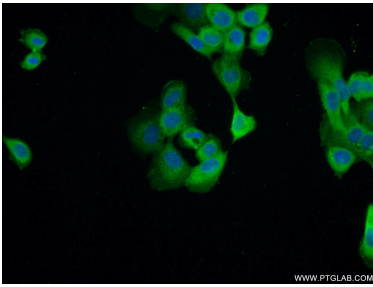
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 60320-1-Ig (Cytokeratin 14 antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



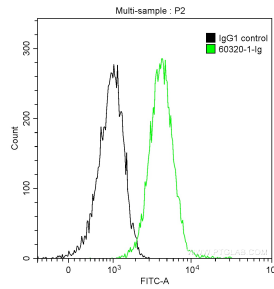
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 60320-1-Ig (Cytokeratin 14 antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



A431 cells were subjected to SDS PAGE followed by western blot with 60320-1-Ig (Cytokeratin 14 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of A431 cells using 60320-1-Ig (Cytokeratin 14 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG (H+L).



1x10⁶ A431 cells were intracellularly stained with 0.2 ug Anti-Human Cytokeratin 14 (60320-1-Ig, Clone:2G1E2) and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (green), and 0.2 ug Control Antibody. Cells were fixed with 90% MeOH.