

Allgemeine Informationen

Katalog-Nr.: 16744-1-AP	GenBank-Zugangsnummer: BC107777	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 400 µg/ml von Nanodrop und 233 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 3601	Empfohlene Verdünnungen: WB 1:500-1:1000 IHC 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: interleukin 15 receptor, alpha	
Isotyp: IgG	Berechnete Masse: 231 aa, 24 kDa	
Immunogen Katalognummer: AG10151	Beobachtete Masse: 55-65 kDa	

Anwendungen

Geprüfte Anwendungen: IHC, WB,ELISA	Positivkontrollen: WB : HeLa-Zellen,
In Publikationen genannte Anwendungen: IF, IHC, WB	IHC : humanes Leberkarzinomgewebe, humanes Hautgewebe, humanes Herzgewebe, humanes Hirngewebe, humanes Hodengewebe, humanes Milzgewebe, humanes Nierengewebe
Getestete Reaktivität: Human	
Zitierte Arten: Hamster, Human	
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

Interleukin-15 (IL-15) is a pleiotropic cytokine that plays an important role in both innate and adaptive immunity. IL-15 is mainly produced by activated monocytes, macrophages and dendritic cells, and is structurally similar to IL-2 (PMID: 8178155; 12401478). These two cytokines share the same IL-2/15R β and common γ -chain receptor subunits. In addition, IL-2 and IL-15 have their own private α -chain receptor subunit, IL-2R α and IL-15R α , respectively (PMID: 7641685). The IL-15R α chain is expressed by many cell types including monocytes, DCs, NK, T cells and fibroblasts. Several isoforms of IL-15R α exist and are generated either by alternative splicing or by proteolytic cleavage (PMID: 10480910; 15265897). The calculated molecular weight of full-length IL-15R α is 28 kDa, IL-15R α can be glycosylated, and larger apparent molecular weights of 55-65 kDa have been reported by some researches (PMID: 10480910; 15976182; 15671076; 17912462).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Debashis Sahoo	32995790	bioRxiv	IHC
Pradipta Ghosh	35577777	Nat Commun	IHC
Xuguang Chen	31078730	Free Radic Biol Med	WB,IF

Lagerung

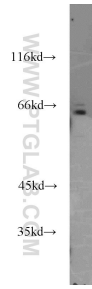
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
 Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

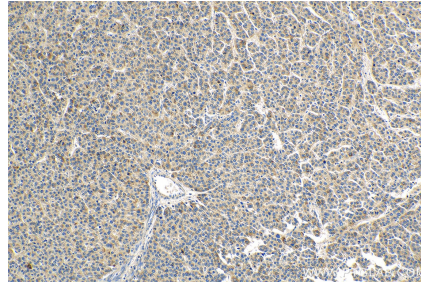
For technical support and original validation data for this product please contact:
 T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
 E: proteintech@ptglab.com
 W: ptglab.com

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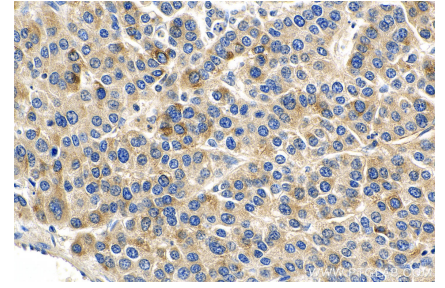
Ausgewählte Validierungsdaten



HeLa cells were subjected to SDS PAGE followed by western blot with 16744-1-AP (IL15RA antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 16744-1-AP (IL-15RA antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 16744-1-AP (IL-15RA antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).