

Nur für Forschungszwecke

CD68 Polyklonaler Antikörper

Katalog-Nr.: 25747-1-AP

75 Publikationen



Allgemeine Informationen

Katalog-Nr.: 25747-1-AP	GenBank-Zugangsnummer: BC015557	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 1000 µg/ml von 968 Nanodrop;	GeneID (NCBI): CD68 molecule	Empfohlene Verdünnungen: IP 0.5-4.0 µg für IP und 1:200-1:1000 für WB
Wirt: Kaninchen	Vollständiger Name: CD68 molecule	IHC 1:2000-1:8000
Isotyp: IgG	Berechnete Masse: 37 kDa	IF 1:50-1:500
Immunogen Katalognummer: AG22815	Beobachtete Masse: 60 kDa	

Anwendungen

Geprüfte Anwendungen: FC, IF, IHC, IP, ELISA	Positivkontrollen: IP : RAW 264.7-Zellen,
In Publikationen genannte Anwendungen: FC, IF, IHC, WB	IHC : humanes Lebergewebe, humanes Tonsillitisgewebe
Getestete Reaktivität: Human, Maus	IF : humanes Tonsillitisgewebe, humanes Appendizitis-Gewebe, humanes Kolongewebe
Zitierte Arten: Hausschwein, Human, Hund, Maus, Ratte	
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

CD68 is a type I transmembrane glycoprotein that is highly expressed by human monocytes and tissue macrophages. It belongs to the lysosomal/endosomal-associated membrane glycoprotein (LAMP) family and primarily localizes to lysosomes and endosomes with a smaller fraction circulating to the cell surface. CD68 is also a member of the scavenger receptor family. It may play a role in phagocytic activities of tissue macrophages. The apparent molecular weight of CD68 is larger than calculated molecular weight due to post-translation modification.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Shu-Ling Wang	31564717	Cell Death Dis	WB,IF
Shaolong Li	30264546	Cancer Sci	IHC,IF
Biao Zhou	30253896	J Vasc Surg	IF

Lagerung

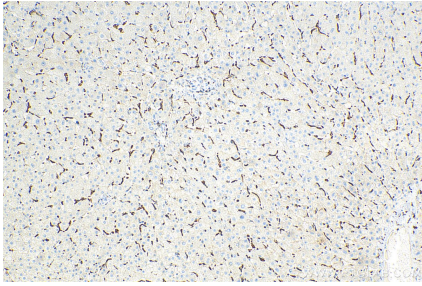
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

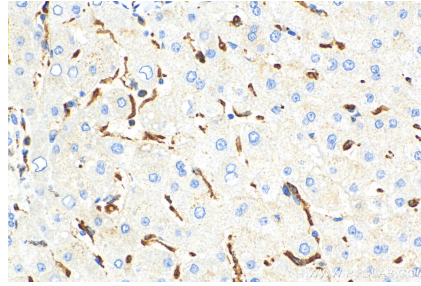
For technical support and original validation data for this product please contact:
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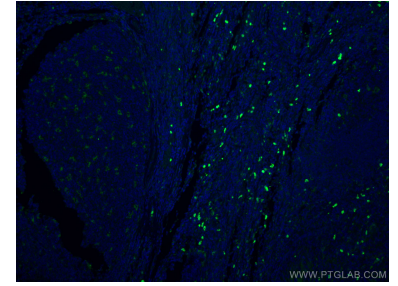
Ausgewählte Validierungsdaten



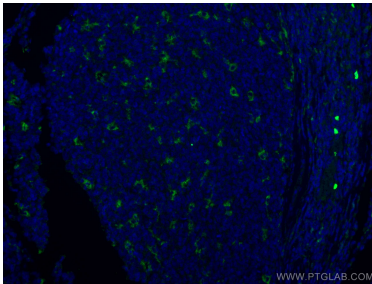
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 25747-1-AP (CD68 antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



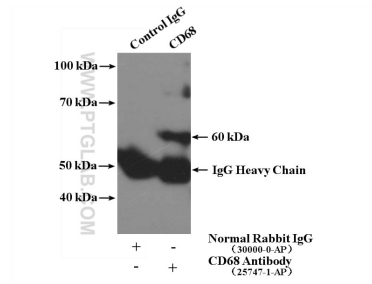
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 25747-1-AP (CD68 antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



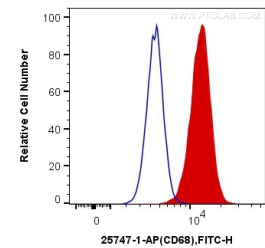
Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CD68 antibody (25747-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



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IP Result of anti-CD68 (IP:25747-1-AP, 4ug; Detection:25747-1-AP 1:300) with RAW 264.7 cells lysate 1200ug.



1x10⁶ RAW 264.7 cells were intracellularly stained with 0.4 ug Anti-Human CD68 (25747-1-AP) and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).