

Nur für Forschungszwecke

FcRn Monoklonaler Antikörper

Katalog-Nr.:67944-1-Ig



Allgemeine Informationen

Katalog-Nr.: 67944-1-Ig	GenBank-Zugangsnummer: BC008734	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul , Konzentration: 1000 µg/ml von2217 Nanodrop;	GeneID (NCBI): 2H4A5	CloneNo.: 2H4A5
Wirt: Maus	Vollständiger Name: Fc fragment of IgG, receptor, transporter, alpha	Empfohlene Verdünnungen: WB 1:2000-1:10000 IHC 1:5000-1:20000
Isotyp: IgG1	Berechnete Masse: 40 kDa	
Immunogen Katalognummer: AG31173	Beobachtete Masse: 35-40 kDa	

Anwendungen

Geprüfte Anwendungen: IHC, WB, ELISA	Positivkontrollen: WB : HEK-293-Zellen, THP-1-Zellen
Getestete Reaktivität: Human	IHC : humanes Lebergewebe,

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Hintergrundinformationen

The neonatal Fc receptor for IgG (FcRn) is a membrane-associated receptor which acts as a key determinant of IgG homeostasis. FcRn is similar in structure to major histocompatibility class I molecules. It is a heterodimer composed of a alpha chain associated with β 2-microglobulin. FcRn transfers IgG from the mother to the fetus across the placenta and the proximal small intestine. In addition, throughout life, FcRn protects IgG from degradation and thus regulates the serum half-life of IgG (PMID: 17703228).

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

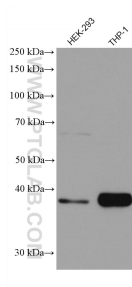
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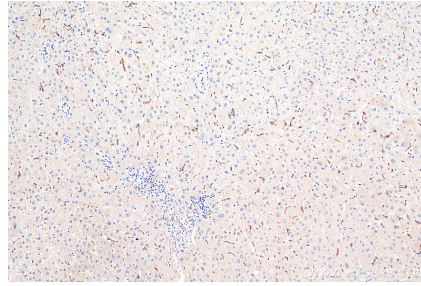
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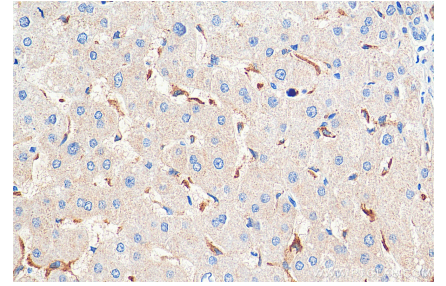
Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 67944-1-Ig (FcRn antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 67944-1-Ig (FcRn antibody) at dilution of 1:10000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 67944-1-Ig (FcRn antibody) at dilution of 1:10000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).