

Nur für Forschungszwecke

Band 3/ AE1 Rekombinanter Antikörper

Katalog-Nr.:81066-1-RR



Allgemeine Informationen

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|---|---|---|
| Katalog-Nr.: 81066-1-RR | GenBank-Zugangsnummer: BC101570 | Reinigungsmethode: Protein-A-Reinigung |
| Größe: 100ul , Konzentration: 800 µg/ml von Nanodrop; | GeneID (NCBI): 6521 | CloneNo.: 3K21 |
| Wirt: Kaninchen | Vollständiger Name: solute carrier family 4, anion exchanger, member 1 (erythrocyte membrane protein band 3, Diego blood group) | Empfohlene Verdünnungen: IHC 1:1000-1:4000 IF 1:800-1:3200 |
| Isotyp: IgG | Berechnete Masse: 911 aa, 102 kDa | |
| Immunogen Katalognummer: AG27878 | | |

Anwendungen

Geprüfte Anwendungen:

IF, IHC, ELISA

Getestete Reaktivität:

Human

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

Positivkontrollen:

IHC : humanes Plazenta-Gewebe,

IF : humanes Plazenta-Gewebe,

Hintergrundinformationen

Anion exchanger 1 (AE1), also known as band 3, is a 95-100 kDa transmembrane glycoprotein which is abundantly expressed in erythrocyte plasma membrane and mediates the electroneutral exchange of Cl⁻ and HCO₃⁻. It contains a 52-55 kDa C-terminal membrane crossing domain and a 43 kDa N-terminal cytoplasmic domain. Degradation of band 3 protein occurred during erythrocyte aging. The oxidative stress can also activate the proteolysis of band 3 through caspases.

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

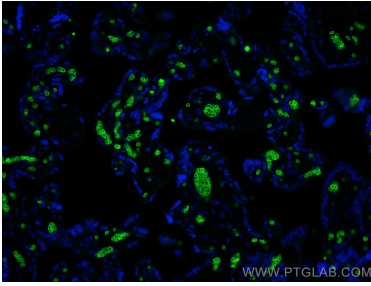
For technical support and original validation data for this product please contact:

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

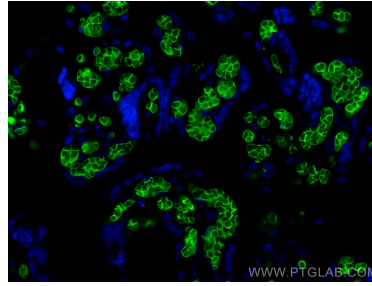
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W: ptglab.com

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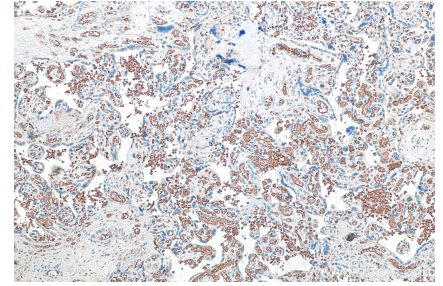
Ausgewählte Validierungsdaten



Immunofluorescent analysis of (4% PFA) fixed human placenta tissue using Band 3/ AE1 antibody (81066-1-RR, Clone: 3K21) at dilution of 1:1600 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human placenta tissue using Band 3/ AE1 antibody (81066-1-RR, Clone: 3K21) at dilution of 1:1600 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 81066-1-RR (SLC4A1 antibody) at dilution of 1:1700 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).