

Nur für Forschungszwecke

# CD147 Monoklonaler Antikörper

Katalog-Nr.:CL594-66443



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL594-66443	<b>GenBank-Zugangsnummer:</b> BC009040	<b>Reinigungsmethode:</b> Protein-G-Reinigung
<b>Größe:</b> 100ul , Konzentration: 1000 µg/ml von682 Nanodrop;	<b>GeneID (NCBI):</b> basigin (Ok blood group)	<b>CloneNo.:</b> 1G12B5
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> basigin (Ok blood group)	<b>Empfohlene Verdünnungen:</b> IF 1:50-1:500
<b>Isotyp:</b> IgG1	<b>Berechnete Masse:</b> 385 aa, 42 kDa	<b>Anregungs-/Emissionsmaxima- Wellenlängen:</b> 588 nm / 604 nm
<b>Immunogen Katalognummer:</b> AG2619	<b>Beobachtete Masse:</b> 45-50 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> FC (Intra), IF	<b>Positivkontrollen:</b> IF : humanes Tonsillitisgewebe,
<b>Getestete Reaktivität:</b> Hausschwein, Human	

## Hintergrundinformationen

BSG, also named as 5F7, Basigin, EMMPRIN, TCSF and CD147, plays pivotal roles in spermatogenesis, embryo implantation, neural network formation and tumor progression. It stimulates adjacent fibroblasts to produce matrix metalloproteinases (MMPs).CD147 may target monocarboxylate transporters SLC16A1, SLC16A3 and SLC16A8 to plasma membranes of retinal pigment epithelium and neural retina. It seems to be a receptor for oligomannosidic glycans. CD147 is a receptor of CypA, inducing matrix metalloproteinase expression and mediating the degradation of the extracellular matrix, plays an important role in tumorigenesis and invasion in oral cancer. It has been considered as an objective and effective marker to predict invasion and prognosis in various cancers.

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.  
**Lagerungspuffer:**  
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.  
**Aliquotieren ist nicht notwendig bei -20°C Lagerung**

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

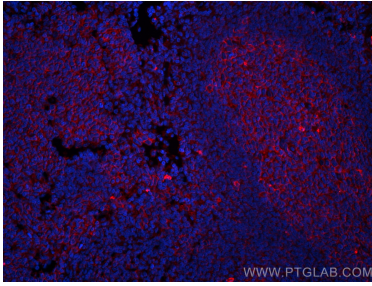
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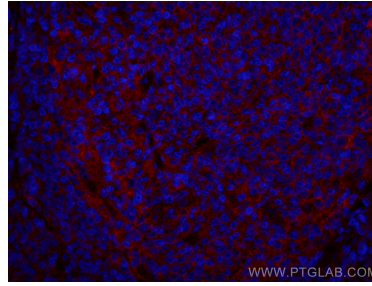
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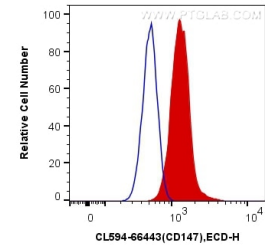
## Ausgewählte Validierungsdaten



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CoraLite®594 CD147 antibody (CL594-66443, Clone: 1G12B5) at dilution of 1:200.



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CoraLite®594 CD147 antibody (CL594-66443, Clone: 1G12B5) at dilution of 1:200.



$1 \times 10^6$  Jurkat cells were intracellularly stained with 0.2  $\mu$ g CoraLite®594 Anti-Human CD147 (CL594-66443, Clone: 1G12B5) (red), or 0.2  $\mu$ g Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).