

À des fins de recherche uniquement

# Anticorps Monoclonal anti- CD98/SLC3A2



Numéro de catalogue: **CL488-66883**

## Informations de base

<b>Numéro de catalogue:</b> CL488-66883	<b>Numéro d'acquisition GenBank:</b> BC001061	<b>Méthode de purification:</b> Purification par protéine A
<b>Taille:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>Identification du gène (NCBI):</b> 6520	<b>CloneNo.:</b> 2B10F5
<b>Hôte:</b> Mouse	<b>Nom complet:</b> solute carrier family 3 (activators of dibasic and neutral amino acid transport), member 2	<b>Dilutions recommandées:</b> IF 1:50-1:500
<b>Isotype:</b> IgG2a	<b>MW calculé</b> 68 kDa	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Immunogen Catalog Number:</b> AG7301	<b>MW observés:</b> 85-94 kDa, 120-130 kDa	

## Applications

<b>Applications testées:</b> IF	<b>Contrôles positifs:</b> IF : cellules HeLa,
<b>Spécificité de l'espèce:</b> Humain	

## Informations générales

CD98 is a cell-surface heterodimer consisting of a heavy chain (CD98hc) and a light chain. CD98hc also interacts with certain integrin  $\beta$ -subunits to regulate cell migration, survival, proliferation, and adhesion/polarity. CD98hc is overexpressed on the cell surface of many cancers and increased CD98hc expression is associated with the development and progression of tumors. (PMID:25084765). This protein has 4 isoforms with the molecular mass of 58-71 kDa and can be detected 85-94 kDa due to glycosylation. The glycosylated CD98hc can link to a non-glycosylated light chain (~40 kDa) via a disulfide bond to form a heterodimeric CD98 antigen with molecular mass of 120-130 kDa (PMID: 14770309).

## Stockage

**Stockage:**  
Stocker à -20 °C. Éviter toute exposition à la lumière.  
**Tampon de stockage:**  
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

**\*\*\* Les 20ul contiennent 0,1% de BSA.**

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

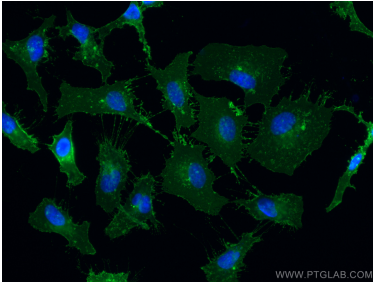
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## Données de validation sélectionnées



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CoraLite® Plus 488 CD98/SLC3A2 antibody (CL488-66883, Clone: 2B10F5) at dilution of 1:200.