

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CD133

Numéro de catalogue: CL488-66666



## Informations de base

Numéro de catalogue: CL488-66666	Numéro d'acquisition GenBank: BC012089	Méthode de purification: Purification par protéine G
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 8842	CloneNo.: 2B8A2
Hôte: Mouse	Nom complet: prominin 1	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG1	MW calculé 97 kDa	
Immunogen Catalog Number: AG13327	MW observés: 115 kDa, 80-90 kDa	

## Applications

Applications testées:  
FC (Intra)  
Spécificité de l'espèce:  
Humain

## Informations générales

CD133, also known as PROM1 (prominin-1) or AC133, belongs to the prominin family. CD133 is a transmembrane glycoprotein with an NH2-terminal extracellular domain, five transmembrane loops and a cytoplasmic tail. The expression of CD133 has been reported in hematopoietic stem cells, endothelial progenitor cells, neuronal and glial stem cells, suggesting the potential role of CD133 as a cell surface marker of adult stem cells. CD133 has also been reported as a marker of cancer stem cells in various human tumors. CD133 is a highly glycosylated protein with an apparent molecular weight of 115-120 kDa. After the treatment of the lysates with glycosidase, CD133 shifted to a protein with an apparent molecular weight of 80-90 kDa (PMID: 23150174; 20068153).

## Stockage

Stockage:  
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.  
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.**

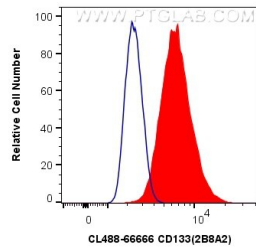
For technical support and original validation data for this product please contact:

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## Données de validation sélectionnées



1X10<sup>6</sup> HT-29 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human CD133 (CL488-66666, Clone:2B8A2) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).