

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CD13

Numéro de catalogue: CL750-65186



## Informations de base

<b>Numéro de catalogue:</b> CL750-65186	<b>Numéro d'acquisition GenBank:</b> BC058928	<b>Méthode de purification:</b> Purifié par chromatographie d'affinité par protéine A
<b>Taille:</b> 100tests, 5 µl/test	<b>Identification du gène (NCBI):</b> 290	<b>CloneNo.:</b> WM15
<b>Hôte:</b> Mouse	<b>Nom complet:</b> alanyl (membrane) aminopeptidase	<b>Excitation/Emission maxima wavelengths:</b> 755 nm / 780 nm
<b>Isotype:</b> IgG1, kappa	<b>MW calculé</b> 110 kDa	

## Applications

**Applications testées:**  
FC

**Spécificité de l'espèce:**  
Humain, primates non humains

## Informations générales

CD13, also named as APN, ANPEP (aminopeptidase N) or PEPN, is belongs to the peptidase M1 family. CD13 is a heavily glycosylated, ~150-240 kDa, type-II membrane, expressed by most cells of myeloid origin including monocytes, macrophages, granulocytes, and their hematopoietic precursors. It is also abundantly expressed in the brush border of epithelial cells from renal proximal tubules and small intestine, in prostatic epithelial cells, in bile duct canaliculi, in mast cells, and, in some cases, in fibroblasts and smooth muscle cells. CD13 is a multifunctional protein and plays varying roles in cell migration, cell proliferation, cell differentiation and so on. CD13 participates in angiogenesis generating and modulating angiogenic signals, and can be a marker of angiogenic vessels. CD13 is also a pan-myeloid marker, present on mature granulocytes and monocytes. (PMID: 8805662, 10098327, 18603472, 18097955, 17897790, 17888402, 21339174)

## Stockage

**Stockage:**  
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

**Tampon de stockage:**  
PBS with 0.09% sodium azide and 0.5% BSA.

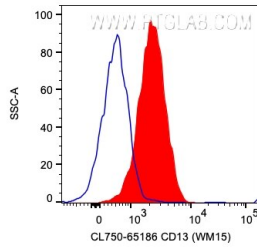
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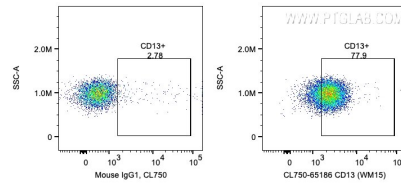
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## Données de validation sélectionnées



1X10<sup>6</sup> human whole blood granulocytes were surface stained with 5 ul CoraLite® Plus 750 Anti-Human CD13 (CL750-65186, Clone: WM15) or Mouse IgG1 Isotype Control. Cells were not fixed.



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