

À des fins de recherche uniquement

Anticorps Monoclonal anti-CD55

Numéro de catalogue: **CL488-65271**



Informations de base

Numéro de catalogue:

CL488-65271

Taille:

100tests , 5 ul/test

Hôte:

Mouse

Isotype:

IgG1

Numéro d'acquisition GenBank:

BC001288

Identification du gène (NCBI):

1604

Nom complet:

CD55 molecule, decay accelerating factor for complement (Cromer blood group)

MW calculé

41 kDa

Méthode de purification:

Purification par affinité

CloneNo.:

JS11

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Applications testées:

FC

Spécificité de l'espèce:

Humain

Informations générales

CD55, also known as DAF, is a glycosylphosphatidylinositol (GPI)-anchored surface glycoprotein that is widely distributed on blood, stroma, epithelial, and endothelial cells (PMID: 7517044; 29503741). It can also exist as a soluble form in plasma, urine, saliva, tears, and synovial fluids (PMID: 29503741). CD55 is a complement regulatory protein (PMID: 2469439; 7517044). It inhibits formation of the C3 convertases through binding to C3b and C4b. It also binds the alternate pathway convertase C3bBb, the classical pathway convertase and C4b2a to accelerate their decay (PMID: 17289551). CD55 also serves as a receptor for coxsackieviruses B1, B3, and B5 and several enteroviruses (PMID: 7538177; 7517044).

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.

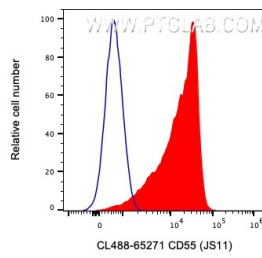
For technical support and original validation data for this product please contact:

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

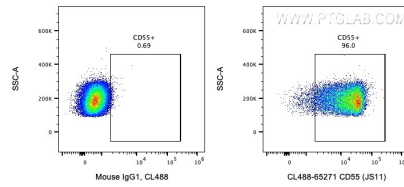
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées



1X10⁶ human PBMCs were surface stained with 5 ul CoraLite® Plus 488 Anti-Human CD55 (CL488-65271, Clone: JS11) (red) or Mouse IgG1 Isotype Control. Cells were not fixed. Lymphocytes were gated.



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