

À des fins de recherche uniquement

# Anticorps Monoclonal anti-IL-1 $\beta$

Numéro de catalogue: PE-65276



## Informations de base

Numéro de catalogue: PE-65276	Numéro d'acquisition GenBank: BC008678	Méthode de purification: Purification par affinité
Taille: 100ug, 0.2 mg/mL	Identification du gène (NCBI): 3553	CloneNo.: 2A7C6
Hôte: Mouse	Nom complet: interleukin 1, beta	Excitation/Emission maxima wavelengths: 496 nm, 565 nm / 578 nm
Isotype: IgG1	MW calculé 269 aa, 31 kDa	
Immunogen Catalog Number: HZ-1164		

## Applications

Applications testées:  
FC

Spécificité de l'espèce:  
Humain

## Informations générales

Interleukin-1 is a pro-inflammatory cytokine with multiple biological effects. The IL-1 gene family encodes three proteins: IL-1 $\alpha$ , IL-1 $\beta$  and their naturally occurring inhibitor IL-1RN. Interleukin 1 $\beta$  (IL-1 $\beta$ ), mainly produced by blood monocytes and tissue macrophages, has been implicated in mediating both acute and chronic inflammation. IL-1 $\beta$  is known to be involved in a variety of cellular activities, including cell proliferation, differentiation and apoptosis. IL-1 $\beta$  is emerging as a key mediator of carcinogenesis that characterizes host-environment interactions. (PMID: 8630372; 12401481; 23704929; 24618930)

## 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.

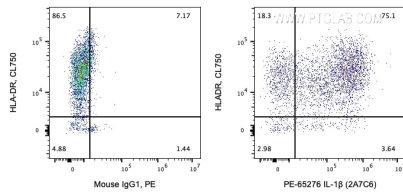
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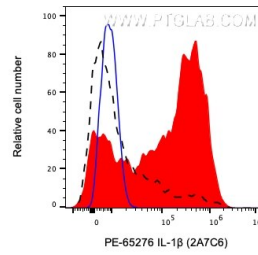
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## Données de validation sélectionnées



1X10<sup>6</sup> LPS and Brefeldin A treated human PBMCs were surface stained with CoraLite® Plus 750 Anti-Human HLA-DR then intracellularly stained with 0.2 ug PE Anti-Human IL-1 $\beta$  (PE-65276, Clone:2A7C6) or Mouse IgG1 Isotype Control. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). Monocytes were gated.



1X10<sup>6</sup> LPS and Brefeldin A treated human PBMCs were intracellularly stained with 0.2 ug PE Anti-Human IL-1 $\beta$  (PE-65276, Clone:2A7C6) (red) or Mouse IgG1 Isotype Control (blue), or unactivated and Brefeldin A treated human PBMCs were intracellularly stained with 0.2 ug PE Anti-Human IL-1 $\beta$  (PE-65276, Clone:2A7C6) (black, dashed line). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). Monocytes were gated.