

10-4038: Monoclonal Antibody to Human IL-1beta (Clone: ABM2C64)

Clonality :	Monoclonal
Clone Name :	ABM2C64
Application :	ELISA,FACS,WB
Reactivity :	Human
Gene :	IL1B
Gene ID :	3553
Uniprot ID :	P01584
Format :	Purified
Alternative Name :	Interleukin-1 beta,Catabolin
Isotype :	Mouse IgG1 Kappa
Immunogen Information :	Full-length recombinant human IL-1beta protein was used as immunogen for this antibody.

Product Info

Amount :	25 µg / 100 µg
Purification :	Protein G Chromatography
Content :	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

ELISA, Western blot analysis: 4-6 µg/ml, FACS: 0.5-1 µg/10⁶

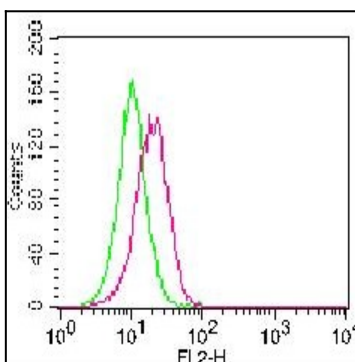


Figure-1: Intracellular staining of hIL-1beta in THP1 and THP1 treated with LPS using 0.5 µg/10⁶ cells of Anti-human IL-1 beta (Clone: ABM2C64)antibody. Green represents THP1 and Red represents THP1 treated with LPS.

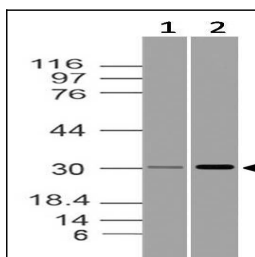


Figure-2: Western blot analysis of hIL-1beta. Anti-hIL-1beta antibody (Clone: ABM2C64) was tested at 4 µg/ml on (1) THP1 and (2) THP1 treated with LPS lysates.