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Anti-IL-1β Mouse mAb [90A77]

Catalog No.: A32045

Basic Information

Catalog No. (Cat.No.)	A32045
Host species	Mouse
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IF,ELISA
Synonyms	IL-1β,IL-1,IL-F1,LPSRF

Product Information

Target	IL-1β
Molecular Weight(Calculated)	31 kDa
Molecular Weight(Observed)	35 kDa,31 kDa,20 kDa
Isotype	Mouse IgG1/Kappa
Conjugation	NA
Concentration	Please check the information on the tube.
Clonality	Monoclonal
Clone No.	90A77
RRID	NA
Storage buffer	50% Glycerol, 0.05% BSA and 0.05% preservative in PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

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Product Usage Information

Application	Dilution
WB	1:2000-1:10000
IHC	1:200-1000
IF	1:100-1:500
ELISA	1:1000-1:5000

Target Information

Protein Name	Interleukin-1 beta
Gene Name	*IL1B*
Domain	NA
Background	IL-1β (Interleukin-1 beta) is a member of IL-1 pro-inflammatory cytokine superfamily. Inactive pro-IL-1β accumulates in cytoplasm; mature secreted IL-1β is generated via caspase-1 cleavage upon inflammasome activation. As a potent pro-inflammatory mediator, IL-1β induces diverse inflammatory mediators, recruits immune cells and initiates local and systemic inflammation. It mediates host defense against pathogens, whereas sustained inappropriate release drives autoimmunity, metabolic inflammation and tumor-microenvironment remodeling.