Ablumir
Built Around Immunology

Anti-IL18 Rabbit mAb [85H64]

Catalog No.: A52185

Basic Information

Catalog No. (Cat.No.)	A52185
Host species	Rabbit
Reactivity	Human
Applications	WB,IHC,IF,ELISA
Synonyms	IL18,IL-18,IGIF,IL-1 gamma,CRF-45

Product Information

Target	IL18
Molecular Weight(Calculated)	22 kDa
Molecular Weight(Observed)	22 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	85H64
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	1:1000-1:5000
IHC	1:200-1:1000
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Interleukin-18
Gene Name	*IL18*
Domain	NA
Background	IL-18 (Interleukin-18) belongs to IL-1 pro-inflammatory cytokine superfamily. It is synthesized as pro-IL-18 in macrophages and epithelial cells, and mature bioactive IL-18 is liberated after inflammasome-dependent cleavage. IL-18 potently stimulates IFN-γ secretion and promotes Th1-type immunity, augmenting cytotoxic function of NK and T-cells. It is critical for anti-pathogen defense, yet aberrant over-secretion contributes to autoimmunity, chronic inflammation and tissue injury. IL-18 exhibits dual roles in cancer: it can promote anti-tumor immunity or exacerbate tumor progression context-dependently.