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Built Around Immunology

Anti-Fas Rabbit mAb [91A85]

Catalog No.: A52116

Basic Information

Catalog No. (Cat.No.)	A52116
Host species	Rabbit
Reactivity	Human
Applications	WB,IHC,IF,ELISA
Synonyms	Fas,APO-1,Apo-1,CD95,Fas antigen,p55,TNFRSF6

Product Information

Target	Fas
Molecular Weight(Calculated)	38 kDa
Molecular Weight(Observed)	40 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	91A85
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	Fas cell surface death receptor
Gene Name	*FAS*
Domain	NA
Background	Fas (Apoptosis-Related Factor) is a type I transmembrane receptor protein belonging to the tumor necrosis factor receptor superfamily, encoded by the FAS gene, and serves as a core receptor regulating the extrinsic apoptotic pathway. Ubiquitously expressed in most human tissues and cells, Fas trimerizes upon binding to its ligand FasL, recruits intracellular adaptor proteins to initiate caspase cascade reactions, and rapidly activates extrinsic apoptosis, participating in immune homeostasis maintenance, abnormal cell clearance and tissue developmental remodeling. Downregulated expression or functional inactivation of Fas leads to apoptosis escape, promoting tumor cell survival, immune evasion and autoimmune diseases. Dysregulated Fas expression is a critical pathological feature of tumors, chronic inflammation and immune disorders.