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Anti-Ctip2 Rabbit mAb [88D07]

Catalog No.: A52090

Basic Information

Catalog No. (Cat.No.)	A52090
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IP,IF,ELISA
Synonyms	Ctip2,B-cell leukemia/lymphoma protein 11B,GOFAM

Product Information

Target	Ctip2
Molecular Weight(Calculated)	96 kDa
Molecular Weight(Observed)	96 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	88D07
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
IP	1:50-1:200
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	B-cell CLL/lymphoma 11B
Gene Name	*BCL11B*
Domain	NA
Background	Ctip2 (Bcl11b) belongs to the C2H2 zinc finger transcription factor family, and functions in cell differentiation, immune cell development and neuronal fate regulation. Ctip2 is indispensable during T lymphocyte development, regulating thymic T cell differentiation, maturation and T cell subset fate determination. It also participates in the differentiation of neuronal subtypes in the cerebral cortex and controls the axonal projection pattern of projection neurons. Dysregulation of Ctip2 function leads to blocked T cell development and immunodeficiency, and can also trigger abnormal nervous system development. Aberrant Ctip2 expression is observed in some tumors, which participates in the regulation of malignant phenotypes of tumor cells. This target is widely used in studies of immune development, neurogenesis and tumor biological mechanisms.