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Anti-RUNX2 Rabbit mAb [96A59]

Catalog No.: A52297

Basic Information

Catalog No. (Cat.No.)	A52297
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IP,IF,ELISA
Synonyms	RUNX2,Runt-related transcription factor 2,CBFA1,AML3

Product Information

Target	RUNX2
Molecular Weight(Calculated)	57 kDa
Molecular Weight(Observed)	57 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	96A59
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	1:1000-1:5000
IP	1:50-1:200
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Runt-related transcription factor-2
Gene Name	*RUNX2*
Domain	NA
Background	RUNX2 (Runt-related transcription factor 2) is Runt-family master transcription factor governing osteogenic differentiation, bone-matrix-gene expression and osteoblast maturation. Predominantly nuclear-localized, RUNX2 binds promoters and enhancers of osteogenic genes and drives transcription of osteocalcin, collagen-I and other targets, determining mesenchymal-stem-cell commitment toward osteoblast lineage and controlling skeletal development and bone remodeling. Germline RUNX2 mutation causes cleidocranial dysplasia. Aberrant RUNX2 expression in tumors contributes to EMT and bone metastasis.