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Built Around Immunology

Anti-Slug Rabbit mAb [42E17]

Catalog No.: A52303

Basic Information

Catalog No. (Cat.No.)	A52303
Host species	Rabbit
Reactivity	Human,Mouse
Applications	WB,IP,IF,ELISA
Synonyms	Slug,Snail family transcriptional repressor 2,SIP-1

Product Information

Target	Slug
Molecular Weight(Calculated)	30 kDa
Molecular Weight(Observed)	36 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	42E17
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	1:500-1:2000
IP	1:50-1:200
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Snail family transcriptional repressor-2
Gene Name	*SNAI2*
Domain	NA
Background	SNAI2 (Slug, Snail family transcriptional repressor 2) is Snail-family zinc-finger transcriptional repressor acting as master EMT regulator, silencing epithelial genes and activating mesenchymal programs. Nuclear-localized Slug binds E-box motifs within promoters of epithelial genes such as E-cadherin to repress their transcription while up-regulating mesenchymal-signature genes, conferring migratory-invasive cellular phenotype. Slug participates in embryonic morphogenesis and wound healing. Tumors frequently up-regulate Slug to promote EMT, metastasis and chemoresistance.