Ablumir
Built Around Immunology

Anti-Raf-B (phospho Thr401) Rabbit mAb [32B78]

Catalog No.: A52290

Basic Information

Catalog No. (Cat.No.)	A52290
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IP,IF,ELISA
Synonyms	Raf-B (phospho Thr401),p-BRAF(Thr401),B-raf,v-raf murine sarcoma viral oncogene homolog B1,BRAF1

Product Information

Target	Raf-B (phospho Thr401)
Molecular Weight(Calculated)	84 kDa
Molecular Weight(Observed)	84 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	32B78
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

Ablumir
Built Around Immunology

Product Usage Information

Application	Dilution
WB	1:2000-1:10000
IHC	1:200-1:1000
IP	1:50-1:200
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Raf-B (phospho Thr401)
Gene Name	*BRAF*
Domain	NA
Background	BRAF (B-Raf proto-oncogene, serine/threonine kinase) belongs to RAF serine-threonine kinase family and transmits RAS-downstream signals through MEK-ERK mitogen-activated-protein-kinase cascade. Phosphorylation at Thr401 resides within BRAF regulatory domain and participates in kinase-activation control. Triggered by upstream RAS-GTP, Thr401 phosphorylation promotes conformational rearrangement, relieves auto-inhibition and enables MEK phosphorylation to activate ERK signaling for proliferation and differentiation. Somatic BRAF mutations such as V600E lock kinase in constitutively active state and drive melanoma, thyroid carcinoma and other neoplasms.