

Product Datasheet

B-Raf Antibody (3D2) H00000673-M02-50ug

Unit Size: 50 ug

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00000673-M02-50ug

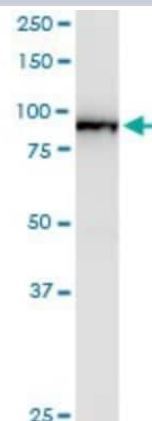
B-Raf Antibody (3D2)

Product Information	
Unit Size	50 ug
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3D2
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	673
Gene Symbol	BRAF
Species	Human
Specificity/Sensitivity	v-raf murine sarcoma viral oncogene homolog B1
Immunogen	BRAF (NP_004324, 346 a.a. ~ 445 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. FRPADEDHRNQFGQRDRSSSAPNVHINTIEPVNIDDLIRDQGFRGDGGSTTGL SATPPASLPGSLTNVKALQKSPGPQREKSSSSSEDRNRMKTLGRRD
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Functional, Proximity Ligation Assay, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Functional, Proximity Ligation Assay, Sandwich ELISA
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control.

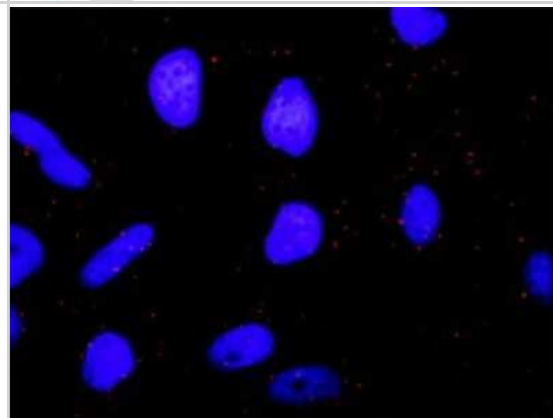


Images

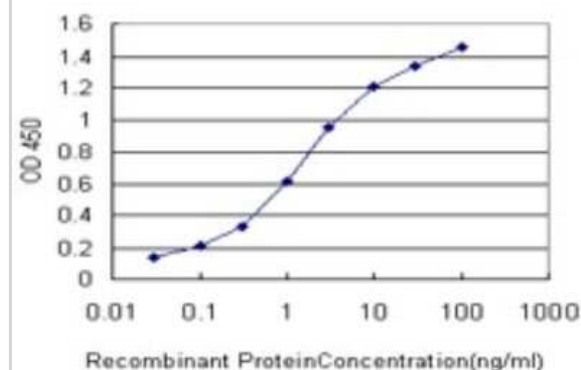
Western Blot: B-Raf Antibody (3D2) [H00000673-M02] - BRAF monoclonal antibody (M02), clone 3D2. Analysis of BRAF expression in human pancreas.



Proximity Ligation Assay: B-Raf Antibody (3D2) [H00000673-M02] - Analysis of protein-protein interactions between MAPK3 and BRAF. HeLa cells were stained with anti-MAPK3 rabbit purified polyclonal 1:1200 and anti-BRAF mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



Sandwich ELISA: B-Raf Antibody (3D2) [H00000673-M02] - Detection limit for recombinant GST tagged BRAF is approximately 0.03ng/ml as a capture antibody.



Publications

Shaw J, Dale I, Hemsley P et al. Positioning High-Throughput CETSA in Early Drug Discovery through Screening against B-Raf and PARP1. SLAS Discov. 2019-01-03 [PMID: 30543471]

Liu CH, Chen TC, Chau GY et al. An analysis of protein-protein interactions in cross-talk pathways reveals CRKL as a novel prognostic marker in hepatocellular carcinoma. Mol Cell Proteomics 2013-02-08 [PMID: 23397142]



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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