

# Product Datasheet

## Raf-1 Antibody (1H4) - Azide and BSA Free H00005894-M03

Unit Size: 0.1 mg

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

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**H00005894-M03**

Raf-1 Antibody (1H4) - Azide and BSA Free

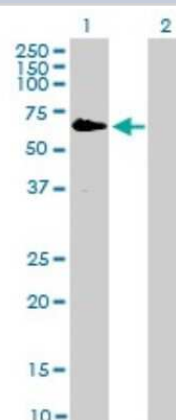
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1H4
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	5894
Gene Symbol	RAF1
Species	Human, Rat
Specificity/Sensitivity	RAF1 - v-raf-1 murine leukemia viral oncogene homolog 1 (1H4)
Immunogen	RAF1 (AAH18119, 1 a.a. ~ 130 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MEHIQGAWKTISNGFGFKDAVFDGSSCISPTIVQQFGYQRRASDDGKLTDPSPK TSNTIRVFLPNKQRTVVNVRNGMSLHDCLMKALKVRGLQPECCAVFRLLEHK GKKARLDWNTDAASLIGEELQVDF
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

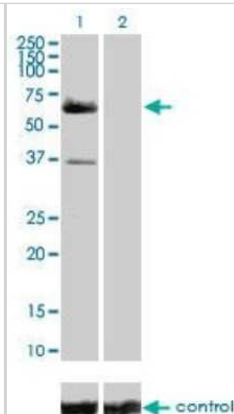
Product Application Details	
Applications	Western Blot, ELISA, Proximity Ligation Assay, Knockdown Validated
Recommended Dilutions	Western Blot 1:500, ELISA, Proximity Ligation Assay, Knockdown Validated
Application Notes	Antibody reactivity against recombinant protein for WB. It has been used for RNAi Validation and ELISA.

**Images**

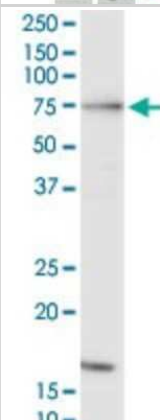
Western Blot: Raf-1 Antibody (1H4) [H00005894-M03] - Analysis of RAF1 expression in transfected 293T cell line by RAF1 monoclonal antibody (M03), clone 1H4. Lane 1: RAF1 transfected lysate (73.1 KDa). Lane 2: Non-transfected lysate.



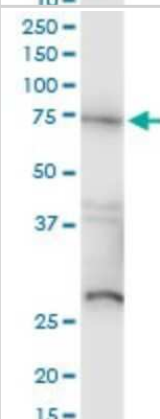
Western Blot: Raf-1 Antibody (1H4) [H00005894-M03] - Western blot analysis of RAF1 over-expressed 293 cell line, cotransfected with RAF1 Validated Chimera RNAi or non-transfected control. Blot probed with H00005894-M03. GAPDH (36.1 kDa) used as loading control.



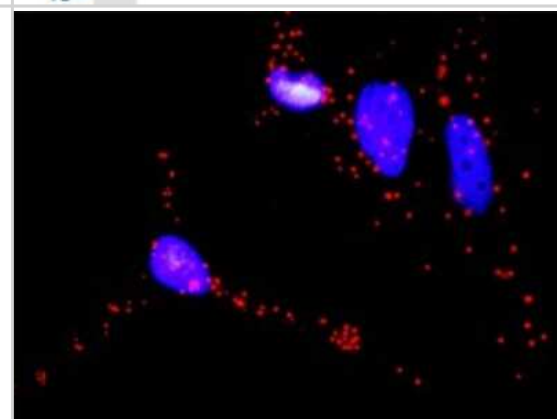
Western Blot: Raf-1 Antibody (1H4) [H00005894-M03] - Analysis of RAF1 expression in HeLa.



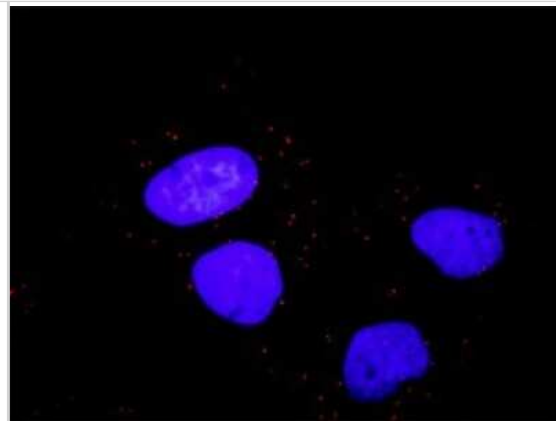
Western Blot: Raf-1 Antibody (1H4) [H00005894-M03] - Analysis of RAF1 expression in rat brain.



Proximity Ligation Assay: Raf-1 Antibody (1H4) [H00005894-M03] - Analysis of protein-protein interactions between BAD and RAF1. HeLa cells were stained with anti-BAD rabbit purified polyclonal 1:1200 and anti-RAF1 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction compl



Proximity Ligation Assay: Raf-1 Antibody (1H4) [H00005894-M03] - Analysis of protein-protein interactions between PDGFRB and RAF1. Huh7 cells were stained with anti-PDGFRB rabbit purified polyclonal 1:600 and anti-RAF1 mouse monoclonal antibody 1:100. Each red dot represents the detection of protein-protein interaction





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### **Products Related to H00005894-M03**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
NBP1-85462PEP	Raf-1 Recombinant Protein Antigen

### **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.

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