# **Product Datasheet**

# Raf-1 Antibody (4G4) - BSA Free NBP2-37513

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 10/23/2024 v.20.1

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#### NBP2-37513

Raf-1 Antibody (4G4) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4G4
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	73 kDa
Product Description	
Host	Mouse
Gene ID	5894

Immunogen	Purified recombinant fragment of human Raf-1 expressed in E. Coli.
<b>Product Application Details</b>	
Applications	Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Western Blot 1:500 - 1:2000, Flow Cytometry 1:200 - 1:400, ELISA 1:10000, Immunohistochemistry 1:200 - 1:1000, Immunohistochemistry-Paraffin 1:200 - 1:1000, CyTOF-ready
Application Notes	This antibody is Cytof ready.

### **Images**

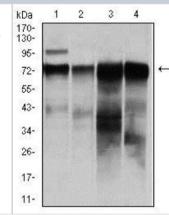
**Gene Symbol** 

**Species** 

Western Blot: Raf-1 Antibody (4G4) [NBP2-37513] - Western blot analysis using RAF1 mouse mAb against HeLa (1), A431 (2), HepG (3), and SW620 (4)cell lysate.

RAF1

Human



Page 2 of 3 v.20.1 Updated 10/23/2024 Immunohistochemistry: Raf-1 Antibody (4G4) [NBP2-37513] -Immunohistochemical analysis of paraffin-embedded bladder cancer tissues using RAF1 mouse mAb with DAB staining. Flow Cytometry: Raf-1 Antibody (4G4) [NBP2-37513] - Flow cytometric analysis of MCF-7 cells using RAF1 mouse mAb (green) and negative control (red). Western Blot: Raf-1 Antibody (4G4) [NBP2-37513] - Western blot kDa analysis using RAF1 mAb against human RAF1 (AA: 198-407) 170recombinant protein. (Expected MW is 48.6 kDa) 95-72-55-43-34-26-17-11-ELISA: Raf-1 Antibody (4G4) [NBP2-37513] - Red: Control Antigen **ELISA Result** O.D. (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen 1.6 (100ng); 1.4 1.2 1 0.8 0.6 0.4 0.2 0 10^-4 10^-5 10^-2 Serial Dilutions of Antibody



Antigen= 50ng

Control Antigen = 100ng - Antigen= 10ng

Antigen= 100ng



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# **Products Related to NBP2-37513**

HAF007 Goat anti-Mouse IgG Secondary Antibody [HRP]

NB720-B Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]

NBP1-97005-0.5mg Mouse IgG1 Isotype Control (MG1)
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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