

# Product Datasheet

## EGFR Antibody (H9B4) - Azide and BSA Free NBP2-34628-0.1mg

Unit Size: 0.1 mg

Store at -20 to -80C. Avoid freeze-thaw cycles.

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**NBP2-34628-0.1mg**

EGFR Antibody (H9B4) - Azide and BSA Free

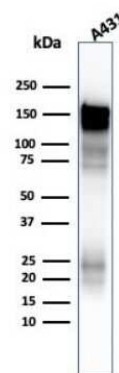
Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	H9B4
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Target Molecular Weight	170 kDa

Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-34243).  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	1956
Gene Symbol	EGFR
Species	Human, Mouse (Negative), Rat (Negative)
Reactivity Notes	Does not react with Mouse or Rat.
Immunogen	Purified EGFR from A431 cells.

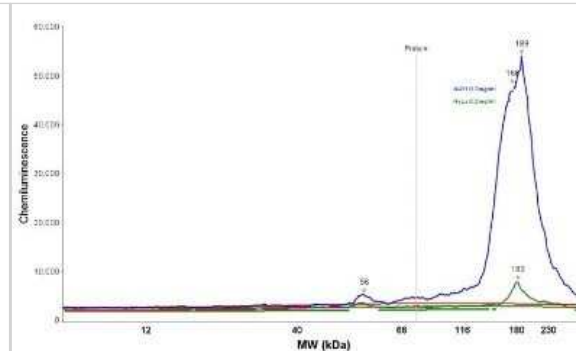
Product Application Details	
Applications	Western Blot, Simple Western, Immunoprecipitation, Protein Array
Recommended Dilutions	Western Blot 0.5-1.0ug/ml, Simple Western, Immunoprecipitation 1-2ug/500ug protein lysate, Protein Array
Application Notes	Optimal dilution for a specific application should be determined. Western Blot: 1-2ug/ml for 2 hours at RT.

**Images**

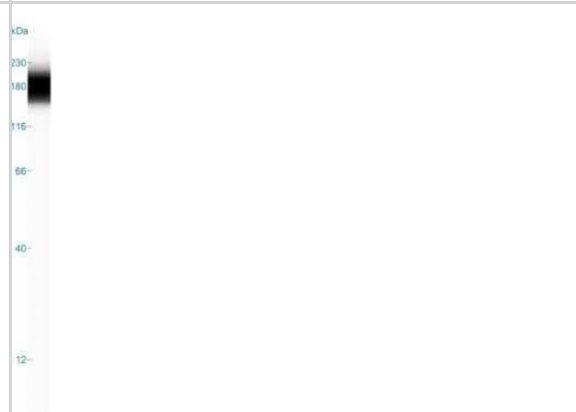
Western Blot: EGFR Antibody (H9B4) - Azide and BSA Free [NBP2-34628] - Western Blot Analysis of A431 cell lysate using EGFR Antibody (H9B4).



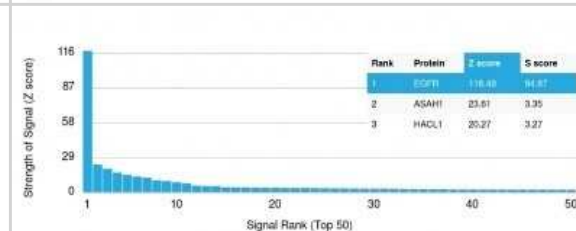
Simple Western: EGFR Antibody (H9B4) - Azide and BSA Free [NBP2-34628] - Electropherogram image of the corresponding Simple Western lane. EGF R/ErbB1 antibody was used at 10 ug/ml dilution of A431 and HeLa lysates(s) respectively.



Simple Western: EGFR Antibody (H9B4) - Azide and BSA Free [NBP2-34628] - Simple Western lane view shows a specific band for EGF R/ErbB1 in 0.2 mg/ml of A431 lysate(s). This experiment was performed under reducing conditions using the 12-230 kDa separation system.



Protein Array: EGFR Antibody (H9B4) - Azide and BSA Free [NBP2-34628] - Analysis of Protein Array containing more than 19,000 full-length human proteins using EGFR Antibody (H9B4) Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (Monoclonal Antibody) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a Monoclonal Antibody to its intended target. A Monoclonal Antibody is considered to be specific to its intended target, if the Monoclonal Antibody has an S-score of at least 2.5.



Simple Western: EGFR Antibody (H9B4) - Azide and BSA Free [NBP2-34628] - Simple Western lane view shows a specific band for EGF R/ErbB1 in 0.2 mg/ml of HeLa lysate(s). This experiment was performed under reducing conditions using the 12-230 kDa separation system.





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### **Products Related to NBP2-34628-0.1mg**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-52952PEP	EGFR Recombinant Protein Antigen

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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.

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