

# Product Datasheet

## EEA1 Antibody (6D4.1D4) - BSA Free NBP2-36568

Unit Size: 0.1 mg

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

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

### Publications: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-36568](http://www.novusbio.com/NBP2-36568)

Updated 10/23/2024 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP2-36568](http://www.novusbio.com/reviews/destination/NBP2-36568)



**NBP2-36568**

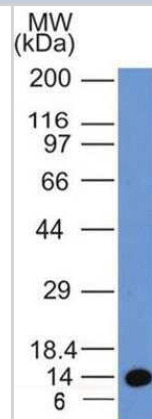
EEA1 Antibody (6D4.1D4) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	6D4.1D4
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	8411
<b>Gene Symbol</b>	EEA1
<b>Species</b>	Human, Mouse
<b>Marker</b>	Early Endosome Marker
<b>Immunogen</b>	Partial recombinant human EEA1 protein (between amino acids 50-300). [UniProt Q15075]
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot, Immunohistochemistry 5-10 ug/ml, Immunocytochemistry/ Immunofluorescence reported in scientific literature (PMID 33212210), Immunohistochemistry-Paraffin 5-10 ug/ml, Flow (Intracellular) 2.5 ug/million cells

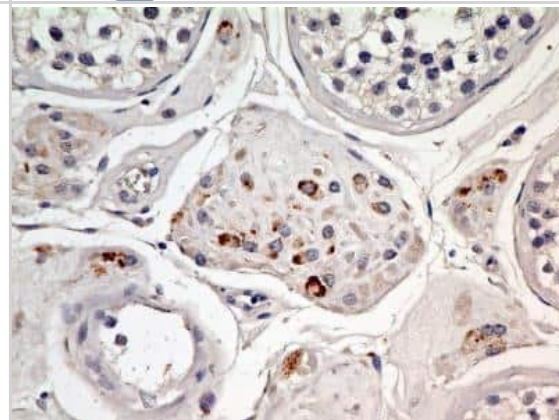


## Images

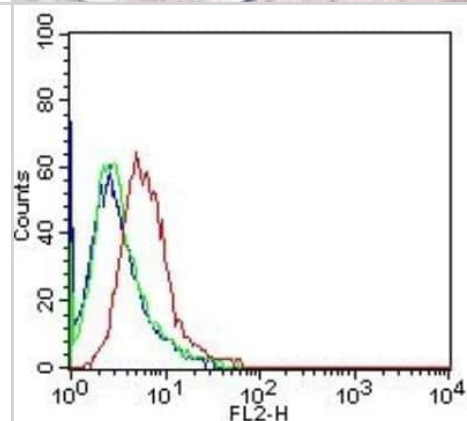
Western Blot: EEA1 Antibody (6D4.1D4) [NBP2-36568] - Analysis of partial recombinant human EEA1 protein (14kDa) with EEA1 antibody clone 6D4.1D4 at 0.5 ug/mL.



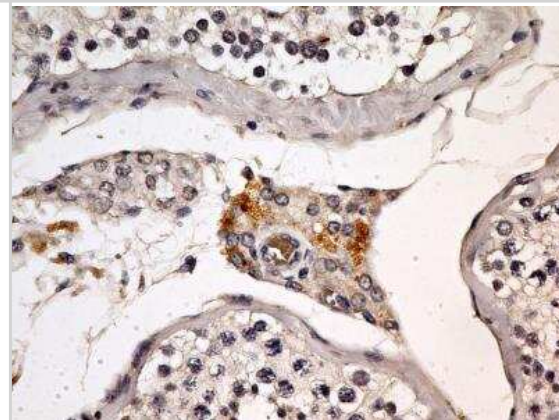
Immunohistochemistry-Paraffin: EEA1 Antibody (6D4.1D4) [NBP2-36568] - Analysis of FFPE tissue section of human testes using mouse monoclonal EEA1 antibody (clone 6D4.1D4) at 10 ug/ml concentration. The interstitial cells depicted a punctate to granular cytoplasmic staining pattern for EEA1 protein.



Flow (Intracellular): EEA1 Antibody (6D4.1D4) [NBP2-36568] - Intracellular staining of human EEA1 in Flow cytometry using 2.5 ug of antibody per 1 million cells. Isotype control was mouse IgG1.



Immunohistochemistry-Paraffin: EEA1 Antibody (6D4.1D4) [NBP2-36568] - Analysis of FFPE tissue section of mouse testes using mouse monoclonal EEA1 antibody (clone 6D4.1D4) at 10 ug/ml concentration. The interstitial cells depicted a punctate to granular cytoplasmic staining pattern for EEA1 protein with no signal in other cell types.



## Publications

Smits DJ, Dekker J, Schot R et al. CLEC16A interacts with retromer and TRIM27, and its loss impairs endosomal trafficking and neurodevelopment Human genetics 2022-12-20 [PMID: 36538041] (ICC/IF, Human)

Murakami R, Chiba Y, Nishi N et al. Immunoreactivity of receptor and transporters for lactate located in astrocytes and epithelial cells of choroid plexus of human brain Neurosci Lett 2020-11-16 [PMID: 33212210] (ICC/IF, Human)

### Details:

Immunofluorescence analysis and immunohistochemical analysis of human brain samples. Western blot analysis performed in HeLa and HT-29.

Lu G, Li S, Zhou C et al. Tenuivirus uses a molecular bridge strategy to overcome insect midgut barriers for virus persistent transmission. bioRxiv 2018-08-31 (ICC/IF, Virus)





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-36568**

---

NBP2-07982	EEA1 Overexpression Lysate
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)

---

### **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](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP2-36568](http://www.novusbio.com/reviews/submit/NBP2-36568)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

