

# Product Datasheet

## AGER Antibody (2A11) - Azide and BSA Free NBP3-11993-0.2mg

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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**NBP3-11993-0.2mg**

AGER Antibody (2A11) - Azide and BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	2A11
Preservative	0.02% Proclin 300
Isotype	IgG1 Kappa
Purity	Protein A purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Mouse AGER Antibody (2A11) - Azide and BSA Free (NBP3-11993) is a recombinant monoclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	177
Gene Symbol	AGER
Species	Human
Specificity/Sensitivity	2A11 is specific for the V-domain of human advanced glycosylation end product-specific receptor. It recognises both the glycosylated and non-glycosylated forms.
Immunogen	Human AGER protein.

Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Surface Plasmon Resonance
Recommended Dilutions	Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Surface Plasmon Resonance
Application Notes	ELISA confirmed the specificity of 2A11 for the V-domain of AGER, with a binding affinity (Kd) of 7.6 nM. ELISA was also used to confirm that the binding of 2A11 to AGER is glycosylation independent. In SPR experiments the Kd of 2A11 binding to AGER was determined as 0.38 nM. Flow cytometry and immunochemistry were used to visualise the binding of 2A11 to HEK-AGER cells.





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### **Products Related to NBP3-11993-0.2mg**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

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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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