

# Product Datasheet

## Carbonic Anhydrase IX/CA9 Antibody (CA9/2993R) [Alexa Fluor® 700] NBP3-08407AF700

Unit Size: 100 ul

Store at 4C in the dark.

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**NBP3-08407AF700**

Carbonic Anhydrase IX/CA9 Antibody (CA9/2993R) [Alexa Fluor® 700]

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	CA9/2993R
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Conjugate</b>	Alexa Fluor 700
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	768
<b>Gene Symbol</b>	CA9
<b>Species</b>	Human, Equine
<b>Specificity/Sensitivity</b>	Recognizes a glycoprotein of ~200kDa, identified as carbonic anhydrase IX (CAIX/gp200). Its epitope resides in the carbohydrate domain of gp200. It shows no significant cross-reactivity with other carbohydrate determinants, such as the Lewis blood group antigens, epithelial membrane antigen, HMFG, and AB blood group antigens. In normal kidney, gp200 is localized along the brush border of the pars convoluta and pars recta segments of the proximal tubule, as well as focally along the luminal surface of Bowmans capsule adjoining the outgoing proximal tubule. Reportedly, gp200 is expressed by 93% of primary and 84% of metastatic renal cell carcinomas. This monoclonal antibody may be useful in the investigations of carcinomas of proximal nephrogenic differentiation especially those showing tubular differentiation.
<b>Immunogen</b>	Recombinant full-length human Carbonic Anhydrase IX/CA9 protein (Uniprot: Q16790)



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<b>Product Application Details</b>	
<b>Applications</b>	Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry-Paraffin
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



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### **Products Related to NBP3-08407AF700**

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NBP2-24891AF700	Rabbit IgG Isotype Control [Alexa Fluor® 700]
NB100-417PEP	Carbonic Anhydrase IX/CA9 Antibody Blocking Peptide
210-TA-005	TNF-alpha [Unconjugated]
DCA900	Carbonic Anhydrase IX/CA9 [HRP]

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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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