

Anti-Carbonic Anhydrase IX Antibody [66.4.C2] (A250351)

Specifications:

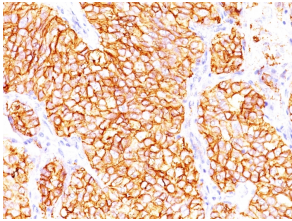
Name:	Anti-Carbonic Anhydrase IX Antibody [66.4.C2]
Description:	Mouse monoclonal [66.4.C2] antibody to Carbonic Anhydrase IX.
Specificity:	This antibody recognizes a glycoprotein of ~200kDa, identified as carbonic anhydrase IX (CAIX/gp200). Its epitope resides in the carbohydrate domain of gp200. It 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 MAb may be useful in the investigations of carcinomas of proximal nephrogenic differentiation especially those showing tubular differentiation.
Applications:	Flow Cytometry, IF, WB, IHC-P
Recommended Dilutions:	Flow Cytometry: 1-2 µg/million cells, IF: 1-2 µg/ml, WB: 1-2 µg/ml, IHC-P: 1-2 µg/ml
Reactivity:	Human, Horse
Immunogen:	Microsomal fraction of human renal cortical tissue homogenate.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	66.4.C2
Isotype:	IgG2b
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	200 µg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This antibody is also known as Clone PN-15. This monoclonal antibody is also available in a different formulation without BSA and Sodium Azide - Anti-Carbonic Anhydrase IX Antibody [66.4.C2] - BSA and Azide free (A253531).

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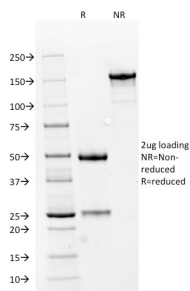
Specifications continued:

Disclaimer: This product is for research use only. It is not intended for diagnostic or therapeutic use.

Images:



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human renal cell carcinoma using Anti-Carbonic Anhydrase IX Antibody [66.4.C2].



SDS-PAGE analysis of Anti-Carbonic Anhydrase IX Antibody [66.4.C2] under non-reduced and reduced conditions; showing intact IgG and intact heavy and light chains, respectively. SDS-PAGE analysis confirms the integrity and purity of the antibody.