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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Proximal Nephrogenic Renal Antigen, cIn PN-15 (66.4.C2). Mouse Monoclonal Antibody

BACKGROUND

This antibody reacts with a glycoprotein of 200 kDa present in proximal renal tubules. The antigen is a carbohydrate in nature and retained in formalin fixed paraffin embedded tissues. Other normal tissues that display the antigen include breast, parathyroid glands and epididymis. Among renal carcinomas, 93% of primary and 84% of metastatic carcinomas are positive for this antigen. Relatively few other tumor types are positive: breast cancers, teratocarcinomas and parathyroid adenomas.

ORDERING INFORMATION

CATALOG NUMBER

X1234M

SIZE

100 µg

FORM

Unconjugated

HOST/CLONE

Mouse Clone 66.4.C2

FORMULATION

Provided as solution in phosphate buffered saline with 0.08% sodium azide

CONCENTRATION

See vial for concentration

ISOTYPE

IgG2b

APPLICATIONS

Immunohistochemistry (Paraffin Sections)

SPECIES REACTIVITY

Human

ACCESSION NUMBER

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IMMUNOGEN

Hybridoma produced by the fusion of splenocytes from BALB/c mice immunized with renal cortical tissue extract and mouse myeloma cells

POSITIVE CONTROL/TISSUE EXPRESSION

COMMENTS

This antibody can be used for the differential diagnosis of carcinomas by Western blotting and immunohistochemistry on frozen and paraffin-embedded tissues. Protease digestion prior to antibody incubation enhances staining of tissue sections. Optimal concentration should be evaluated by serial dilutions.

PURIFICATION

Protein A/G Chromatography

SHIP CONDITIONS

Ship at ambient temperature, freeze upon arrival

STORAGE CUSTOMER

Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles

STABILITY

Products are stable for one year from purchase when stored properly

REFERENCES

1. Yoshida, S.O. and Imam, A., "Monoclonal antibody to a proximal nephrogenic renal antigen: immunohistochemical analysis of formalin-fixed, paraffin-embedded human renal cell carcinomas." *Cancer Res.* 1989, 49, 1802-1809.
2. Piron, A., et al. "In vitro demonstration of a mitogenic activity in renal tissue extracts during regenerative hyperplasia." *Am. J. Physiol.* 1998, 274, F348-F357.