

CA IX (PTR2373) Mouse mAb

CatalogNo: YM6225 **Recombinant** 

Key Features

Host Species

- Mouse

Reactivity

- Human,

Applications

- IHC,ELISA

MW

- 49kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

IHC 1:200-400

ELISA 1:500-5000

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Formulation PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA

Basic Information

Clonality Monoclonal

Clone Number PTR2373

Immunogen Information

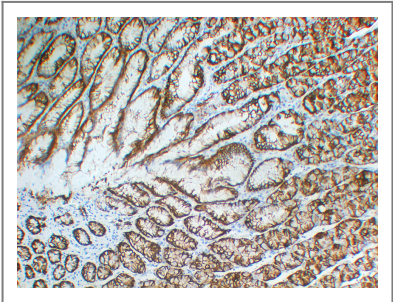
Immunogen Recombinant protein

Specificity This antibody detects endogenous levels of CA IX protein.

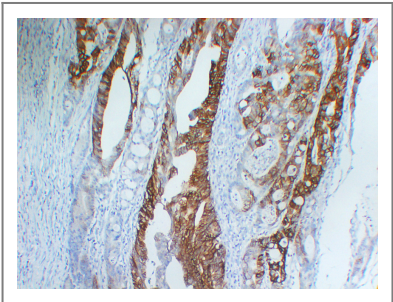
Target Information

Gene name	CA9		
Protein Name	Carbonic anhydrase 9		
	Organism	Gene ID	UniProt ID
	Human	768;	Q16790;
	Mouse	230099;	Q8VHB5;
Cellular Localization	Membranous		
Tissue specificity	Expressed primarily in carcinoma cells lines. Expression is restricted to very few normal tissues and the most abundant expression is found in the epithelial cells of gastric mucosa.		
Function	Catalytic activity:H(2)CO(3) = CO(2) + H(2)O.,cofactor:Zinc.,Function:Reversible hydration of carbon dioxide. Participates in pH regulation. May be involved in the control of cell proliferation and transformation. Appears to be a novel specific biomarker for a cervical neoplasia.,induction:By hypoxia.,PTM:Asn-346 bears high-mannose type glycan structures.,similarity:Belongs to the alpha-carbonic anhydrase family.,subcellular location:Found on the surface microvilli and in the nucleus, particularly in nucleolus.,subunit:Forms oligomers linked by disulfide bonds.,tissue specificity:Expressed primarily in carcinoma cells lines. Expression is restricted to very few normal tissues and the most abundant expression is found in the epithelial cells of gastric mucosa.,		

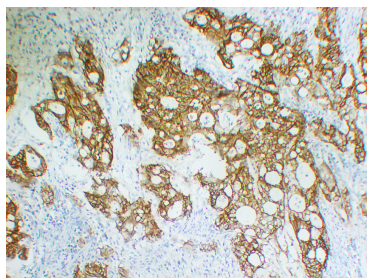
Validation Data



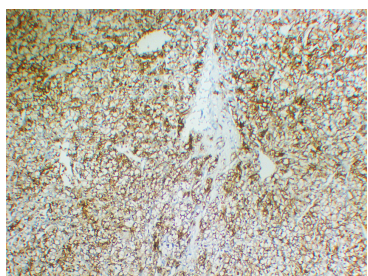
Human stomach tissue was stained with Anti-CA IX (PTR2373) Antibody



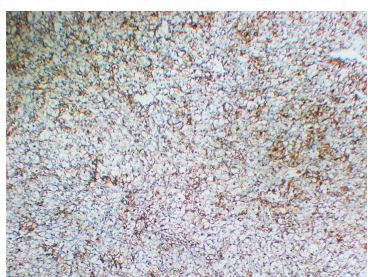
Human colon carcinoma tissue was stained with Anti-CA IX (PTR2373) Antibody



Human colon carcinoma tissue was stained with Anti-CA IX (PTR2373) Antibody



Human renal clear cell carcinoma tissue was stained with Anti-CA IX (PTR2373) Antibody



Human renal clear cell carcinoma tissue was stained with Anti-CA IX (PTR2373) Antibody

Contact information

Orders: order.cn@immunoway.com
Support: support.cn@immunoway.com
Telephone: 400-8787-807(China)
Website: <http://www.immunoway.com.cn>
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code
to access additional
product information:
CA IX (PTR2373)
Mouse mAb

For Research Use Only. Not for Use in Diagnostic Procedures.

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