

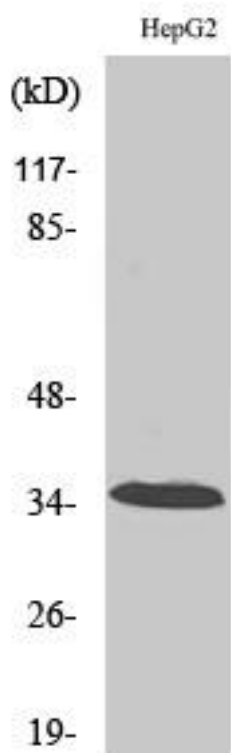


## CA XIII Monoclonal Antibody

<b>Catalog No</b>	YP-mAb-02518
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse
<b>Applications</b>	WB
<b>Gene Name</b>	CA13
<b>Protein Name</b>	Carbonic anhydrase 13
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human CA13. AA range:141-190
<b>Specificity</b>	CA XIII Monoclonal Antibody detects endogenous levels of CA XIII protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-1:2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	CA13; Carbonic anhydrase 13; Carbonate dehydratase XIII; Carbonic anhydrase XIII; CA-XIII
<b>Observed Band</b>	35kD
<b>Cell Pathway</b>	cytosol,myelin sheath,intracellular membrane-bounded organelle,
<b>Tissue Specificity</b>	Expressed in thymus, small intestine, spleen, prostate, ovary, colon and testis.
<b>Function</b>	catalytic activity:H(2)CO(3) = CO(2) + H(2)O.,cofactor:Zinc.,function:Reversible hydration of carbon dioxide.,similarity:Belongs to the alpha-carbonic anhydrase family.,tissue specificity:Expressed in thymus, small intestine, spleen, prostate, ovary, colon and testis.,
<b>Background</b>	Carbonic anhydrases (CAs) are a family of zinc metalloenzymes. For background information on the CA family, see MIM 114800.[supplied by OMIM, Mar 2008],
<b>matters needing attention</b>	Avoid repeated freezing and thawing!
<b>Usage suggestions</b>	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



## Products Images



Western Blot analysis of various cells using CA XIII  
Monoclonal Antibody