Anti-ADH5 Rabbit mAb

Purified Rabbit Monoclonal Antibody

Catalog # R012247

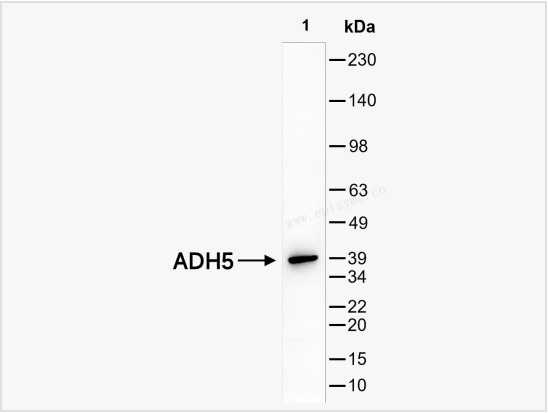
Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	20K46L78
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide of human ADH5
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-ADH5 antibody [20K46L78] is for research use only and not for use in diagnostic or therapeutic procedures.

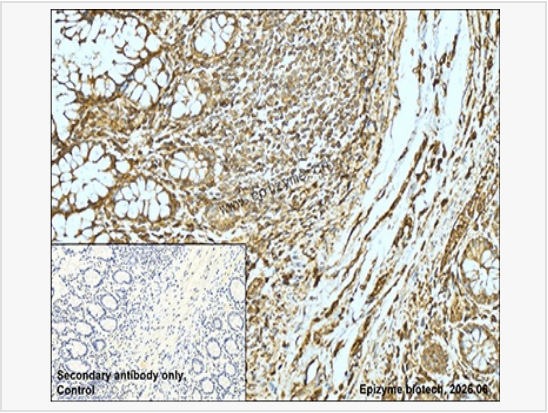
Protein Information

Synonyms	FDH; ADHX; ADH-3; FALDH; GSNOR; GSH-FDH; HEL-S-60p.
Calculated MW	Calculated MW: 40 kDa; Observed MW: 40 kDa
Uniprot ID	P11766
Gene ID	128
Background	Class-III ADH is remarkably ineffective in oxidizing ethanol, but it readily catalyzes the oxidation of long-chain primary alcohols and the oxidation of S-(hydroxymethyl) glutathione.MiscellaneousThere are 7 different ADH's isozymes in human: three belongs to class-I: alpha, beta, and gamma, one to class-II: pi, one to class-III: chi, one to class-IV: ADH7 and one to class-V: ADH6.

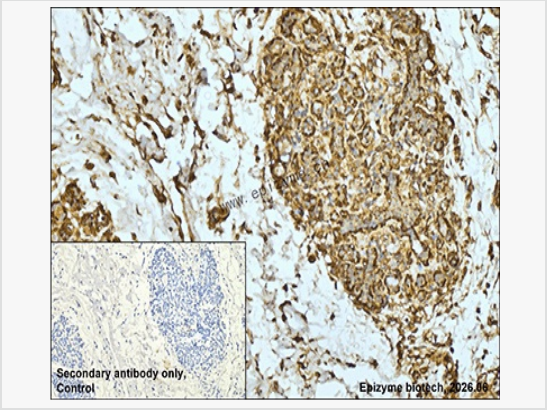
Validation Images



Western Blot - Anti-ADH5 Rabbit mAb [20K46L78]
All lanes: R012247 at 1:1,000 dilution
Lane 1: K562 (Human chronic myeloid leukemia cell) whole cell lysates
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 40 kDa
Observed band size: 40 kDa
Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-ADH5 Rabbit mAb [20K46L78]
Sample: Paraformaldehyde-fixed, paraffin embedded human colonic cancer tissue
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
Primary antibody: R012247 at 1:100 dilution
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution
DAB was used as the chromogen.
Counter stained with hematoxylin.
Positive/negative staining were presented.
Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-ADH5 Rabbit mAb [20K46L78]
Sample: Paraformaldehyde-fixed, paraffin embedded human breast cancer tissue
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
Primary antibody: R012247 at 1:100 dilution
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution
DAB was used as the chromogen.
Counter stained with hematoxylin.
Positive/negative staining were presented.
Only the secondary antibody was used as the negative control.