Datasheet for ABIN1872498

anti-Folic Acid antibody

1 Publication

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Overview

Quantity:	100 µL
Target:	Folic Acid (FA)
Reactivity:	Please inquire
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Folic Acid antibody is un-conjugated
Application:	Immunocytochemistry (ICC), Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Immunogen:	Small Molecule, VB9 conjugated to OVA
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against FA. It has been selected for its ability to recognize FA in immunohistochemical staining and western blotting.
Characteristics:	Chemical Formula: C19H19N7O6 Molecular Mass: 441.40 g/mol
Purification:	Antigen-specific affinity chromatography

Target Details

Target:	Folic Acid (FA)
Abstract:	FA Products

Target Details

Target Type:	Chemical
Background:	Alternative Names: VB9, Vitamin B9, Folacin, Folate, V, Itamin M, Vitamin M, Vitamin Bc, Pteroyl-L-Glutamic Acid, Pteroyl-L-Glutamate

Application Details

Application Notes:	• Western blotting: 1:50-400 Immunocytochemistry in formalin fixed cells: 1:50-500 Immunohistochemistry in formalin fixed frozen section: 1:50-500 Immunohistochemistry in paraffin section: 1:10-100 Enzyme-linked Immunosorbent Assay: 1:100-1:5000 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37&degC for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	4 °C
Storage Comment:	Store at 2-8 °C for one month. Aliquot and store at -80 °C for 12 months.
Expiry Date:	12 months

Publications

Product cited in:	Luan, Wang, Han, Ma, Zhang, Xu, Chen, Li, Zhao: "Folic Acid-Functionalized Hybrid Photonic Barcodes for Capture and Release of Circulating Tumor Cells." in: **ACS applied materials & interfaces**, Vol. 10, Issue 25, pp. 21206-21212, (2019) (PubMed).