

Datasheet for ABIN7428470
anti-TIE1 antibody (AA 701-898)

2 Images

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Overview

Quantity:	100 µL
Target:	TIE1
Binding Specificity:	AA 701-898
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TIE1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Tyrosine Kinase With Immunoglobulin Like And EGF Like Domains Protein 1 (Tie1)
Immunogen:	Recombinant Tyrosine Kinase With Immunoglobulin Like And EGF Like Domains Protein 1 (Tie1) corresponding to Thr701~Pro898 (Accession # P35590)
Clone:	C2
Isotype:	IgG2a kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against Tie1. It has been selected for its ability to recognize Tie1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig

Product Details

Purification: Protein A + Protein G affinity chromatography

Target Details

Target: TIE1

Alternative Name: Tyrosine Kinase With Immunoglobulin Like And EGF Like Domains Protein 1 ([TIE1 Products](#))

Background: JTK14, Tyrosine Kinase With Immunoglobulin And Epidermal Growth Factor Homology Domains 1, Tyrosine-protein kinase receptor Tie-1

Pathways: [RTK Signaling](#)

Application Details

Application Notes: Western blotting: 0.2-2 µg/mL
1:500-5000 Immunohistochemistry: 5-20 µg/mL
1:50-200 Immunocytochemistry: 5-20 µg/mL
1:50-200 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°C 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

Buffer: 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.

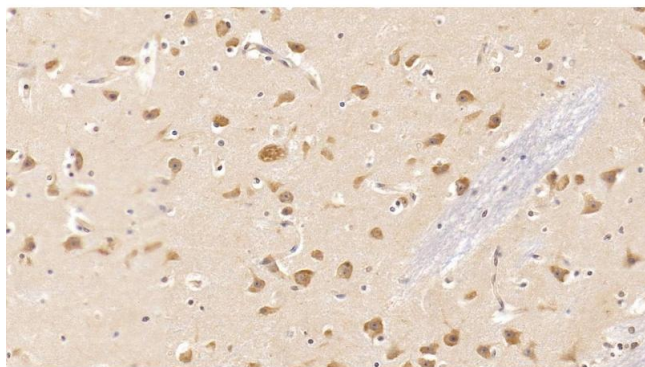
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

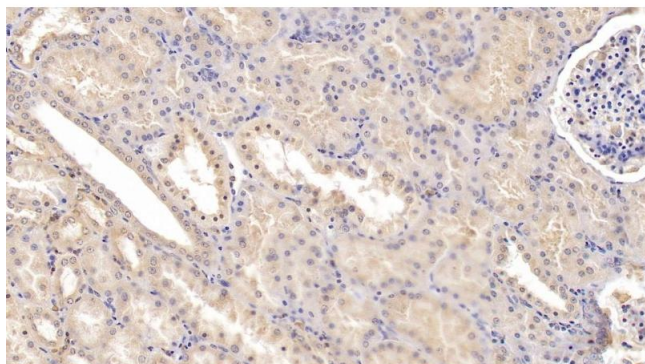
Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

Expiry Date: 24 months



Immunohistochemistry

Image 1. Detection of Tie1 in Human Cerebrum Tissue using Monoclonal Antibody to Tyrosine Kinase With Immunoglobulin Like And EGF Like Domains Protein 1 (Tie1)



Immunohistochemistry

Image 2. Detection of Tie1 in Human Kidney Tissue using Monoclonal Antibody to Tyrosine Kinase With Immunoglobulin Like And EGF Like Domains Protein 1 (Tie1)