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anti-TEK antibody (AA 286-465)

2 Images



Go to Product page

Overview

| Quantity: | 100 μL |
|----------------------|--|
| Target: | TEK |
| Binding Specificity: | AA 286-465 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This TEK antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC) |

Product Details

| Purpose: | Polyclonal Antibody to TEK Tyrosine Kinase, Endothelial (Tie2) |
|-------------------|--|
| Immunogen: | Recombinant TEK Tyrosine Kinase, Endothelial (Tie2) corresdonding to Gly286~Ile465 (Accession # Q02763) |
| Isotype: | IgG |
| Specificity: | The antibody is a rabbit polyclonal antibody raised against Tie2. It has been selected for its ability to recognize Tie2 in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Mouse, Rat |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |

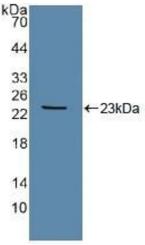
Target Details

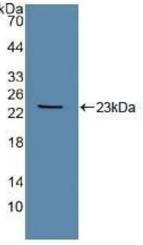
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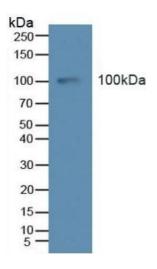
| l arget Details | |
|---------------------|--|
| Target: | TEK |
| Alternative Name: | TEK Tyrosine Kinase, Endothelial (TEK Products) |
| Background: | CD202b, CD202-B, TEK, VMCM1, Tyrosine Kinase With Immunoglobulin Like And EGF Like |
| | Domains 2, Venous Malformations Multiple Cutaneous And Mucosal |
| Pathways: | RTK Signaling, Growth Factor Binding |
| Application Details | |
| Application Notes: | Western blotting: 1-5 μg/mL Immunocytochemistry in formalin fixed cells: 5-20 μg/mL |
| | Immunohistochemistry in formalin fixed frozen section: 5-20 $\mu g/mL$ Immunohistochemistry in |
| | paraffin section: 5-20 μg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 μg/mL 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.

24 months







Western Blotting

Image 1. Detection of Recombinant Tie2, Human using Polyclonal Antibody to TEK Tyrosine Kinase, Endothelial (Tie2)

Western Blotting

Image 2. Detection of Tie2 in Human Serum using Polyclonal Antibody to TEK Tyrosine Kinase, Endothelial (Tie2)