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anti-CD3G antibody (Chain gamma, N-Term)

2 Images



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| Overview | | |
|----------------------|---|--|
| Quantity: | 0.4 mL | |
| Target: | CD3G | |
| Binding Specificity: | Chain gamma, N-Term | |
| Reactivity: | Human | |
| Host: | Rabbit | |
| Clonality: | Polyclonal | |
| Conjugate: | This CD3G antibody is un-conjugated | |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzym Immunoassay (EIA) | |
| Product Details | | |
| Immunogen: | This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of human CD3G. | |
| Isotype: | lg Fraction | |
| Specificity: | This antibody detects CD3G at N-term. | |
| Purification: | Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS Then the antibody is purified by peptide affinity purification. | |
| Target Details | | |
| Target: | CD3G | |
| Alternative Name: | CD3 gamma Chain (CD3G Products) | |
| | | |

Target Details

| Background: | CD3G is the CD3-gamma polypeptide, which together with CD3-epsilon, -delta and -zeta, and the T-cell receptor alpha/beta and gamma/delta heterodimers, forms the T-cell receptor-CD3 complex. This complex plays an important role in coupling antigen recognition to several intracellular signal-transduction pathways. The genes encoding the epsilon, gamma and delta polypeptides are located in the same cluster on chromosome 11. Defects in the CD3G gene are associated with T cell immunodeficiency. Synonyms: CD3G, T-cell surface glycoprotein CD3 gamma chain, T3G | |
|---------------------|---|--|
| Molecular Weight: | 20469 Da | |
| Gene ID: | 917, 9606 | |
| UniProt: | P09693 | |
| Pathways: | TCR Signaling, CXCR4-mediated Signaling Events | |
| Application Details | | |
| Application Notes: | ELISA 1: 1,000. Western blot 1: 50 - 1: 100. Immunohistochemistry 1: 10 - 1: 50. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user. | |
| Restrictions: | For Research Use only | |
| Handling | | |
| Format: | Liquid | |
| Concentration: | 0.25 mg/mL | |
| Buffer: | PBS with 0.09 % (W/V) sodium azide | |
| Preservative: | Sodium azide | |
| Precaution of Use: | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. | |
| Handling Advice: | Avoid repeated freezing and thawing. | |
| Storage: | 4 °C/-20 °C | |
| Storage Comment: | Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer. | |

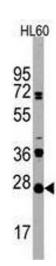


Image 1.

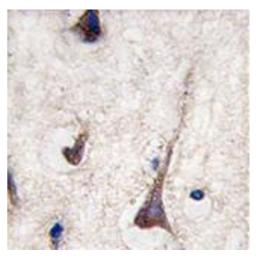


Image 2.