

Datasheet for ABIN542855
anti-CD3G antibody (N-Term)[Go to Product page](#)

3 Images

2 Publications

Overview

| | |
|----------------------|---|
| Quantity: | 400 µL |
| Target: | CD3G |
| Binding Specificity: | N-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This CD3G antibody is un-conjugated |
| Application: | Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

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|-------------------|--|
| Purpose: | Rabbit polyclonal antibody raised against synthetic peptide of CD3G. |
| Immunogen: | A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human CD3G. |
| Cross-Reactivity: | Human |

Target Details

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|-------------------|---|
| Target: | CD3G |
| Alternative Name: | CD3 gamma chain (CD3G Products) |
| Gene ID: | 917 |
| Pathways: | TCR Signaling , CXCR4-mediated Signaling Events |

Application Details

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| Application Notes: | Western Blot (1:1000) Immunohistochemistry (1:10-50) Flow cytometry (1:10-50) The optimal working dilution should be determined by the end user. |
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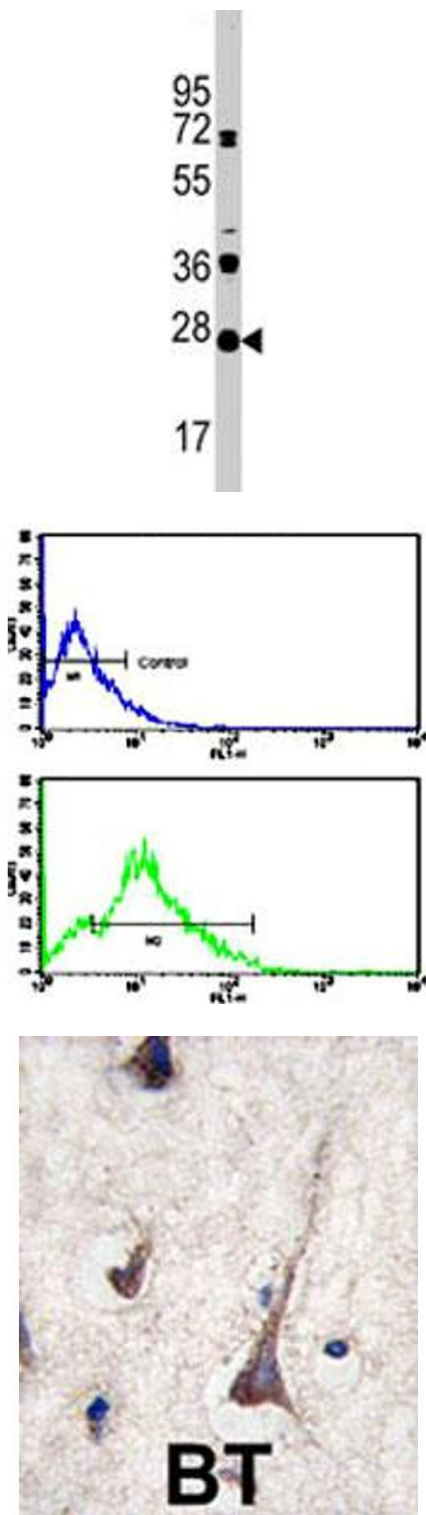
| | |
|---------------|-----------------------|
| Restrictions: | For Research Use only |
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Handling

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|--------------------|--|
| Format: | Liquid |
| Buffer: | In PBS (0.09 % 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. |
| Storage: | 4 °C, -20 °C |
| Storage Comment: | Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing. |

Publications

| | |
|-------------------|--|
| Product cited in: | Sigalov, Aivazian, Uversky, Stern: "Lipid-binding activity of intrinsically unstructured cytoplasmic domains of multichain immune recognition receptor signaling subunits." in: Biochemistry , Vol. 45, Issue 51, pp. 15731-9, (2007) (PubMed). Siegers, Swamy, Fernández-Malavé, Minguet, Rathmann, Guardo, Pérez-Flores, Regueiro, Alarcón, Fisch, Schamel: "Different composition of the human and the mouse gammadelta T cell receptor explains different phenotypes of CD3gamma and CD3delta immunodeficiencies." in: The Journal of experimental medicine , Vol. 204, Issue 11, pp. 2537-44, (2007) (PubMed). |
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Western Blotting

Image 1. Western blot analysis of CD3G polyclonal antibody in HL-60 cell line lysates (35 ug/lane). CD3G (arrow) was detected using the purified polyclonal antibody.

Flow Cytometry

Image 2. Flow cytometric analysis of HL-60 cells using CD3G polyclonal antibody (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Immunohistochemistry

Image 3. Formalin-fixed and paraffin-embedded human brain tissue reacted with CD3G polyclonal antibody , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.