

Anti-Rabbit IgG (Fc specific, Heavy Chain) Antibody (5L24)

Product Details

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|-------------------|--------------------------------------|
| Ig Type: | IgG |
| Reactivity: | Rabbit |
| Molecular Weight: | Theoretical: 55 kDa. Actual: 55 kDa. |
| Clone: | 5L24 |
| Purification: | Protein G purified |

Applications

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| Verified Activity: | Sample: Rabbit IgG Lysate at 30 µg Primary: Anti-Rabbit IgG (Fc specific, Heavy Chain) (TMAB-12017) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 55 kD Observed band size: 55 kD |
| Application: | WB |
| Recommended | WB: 1:500-1000 |

Properties

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| Stability & Storage: | Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. |
| Shipping: | Shipping with blue ice. |

Antigen Details

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| Immunogen: | rabbit IgG |
| Antigen Species: | Rabbit |

Research Background

IgG antibodies are large molecules of about 150 kDa made of four peptide chains. It contains two identical class γ heavy chains of about 50 kDa and two identical light chains of about 25 kDa, thus a tetrameric quaternary structure. The two heavy chains are linked to each other and to a light chain each by disulfide bonds. The resulting tetramer has two identical halves, which together form the Y-like shape. Each end of the fork contains an identical antigen binding site. The Fc regions of IgGs bear a highly conserved N-glycosylation site. The N-glycans attached to this site are predominantly core-fucosylated diantennary structures of the complex type. In addition, small amounts of these N-glycans also bear bisecting GlcNAc and α -2,6-linked sialic acid residues.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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