Datasheet for ABIN6990624

# anti-HVEM antibody (N-Term)

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## Overview

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| Quantity: | 0.1 mg |
| Target: | HVEM (TNFRSF14) |
| Binding Specificity: | AA 20-70, N-Term |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This HVEM antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF) |

## Product Details

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| Immunogen: | TNFRSF14 antibody was raised against a 15 amino acid synthetic peptide from near the amino terminus of human TNFRSF14. The immunogen is located within amino acids 20 - 70 of TNFRSF14. |
| Isotype: | IgG |
| Specificity: | Multiple isoforms of TNFRSF14 are known to exist. |
| Purification: | TNFRSF14 Antibody is affinity chromatography purified via peptide column. |

## Target Details

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| Target: | HVEM (TNFRSF14) |
| Alternative Name: | TNFRSF14 (TNFRSF14 Products) |

## Target Details

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| Target Type: | Viral Protein |
| Background: | TNFRSF14 Antibody: Tumor necrosis factor receptor (TNFR) superfamily members are defined by cysteine-rich domains in their extracellular regions that bind TNF-related ligands that share a common structural homology in their extracellular domain. TNFRSF14 was initially identified as the Herpesvirus entry mediator and upon binding to the herpes simplex virus (HSV) envelope glycoprotein D or either of its natural ligands LIGHT and lymphotoxin alpha (LT), activates the transcription factors NF-κ,B and AP-1. Activation of this signal transduction pathway in T cells stimulates T cell proliferation and cytokine production, leading to inflammation and enhanced CTL-mediated tumor immunity, suggesting that these proteins may be useful as potential targets for controlling cellular immune responses. |
| Molecular Weight: | Predicted: 20, 22, 29, 31 kDa<br><br>Observed: 23 kDa |
| Gene ID: | 8764 |
| UniProt: | Q92956 |
| Pathways: | Production of Molecular Mediator of Immune Response, Cancer Immune Checkpoints |

## Application Details

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| Application Notes: | TNFRSF14 antibody can be used for the detection of TNFRSF14 by Western blot at 1 - 2 µ, g/mL. Antibody can also be used for immunohistochemistry starting at 1 µ,g/mL. For immunofluorescence start at 10 µ,g/mL.<br><br>Antibody validated: Western Blot in mouse samples, Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested. |
| Restrictions: | For Research Use only |

## Handling

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| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | TNFRSF14 Antibody is supplied in PBS containing 0.02 % sodium azide. |
| Preservative: | Sodium azide |

## Handling

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| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C,4 °C |
| Storage Comment: | TNFRSF14 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures. |

 