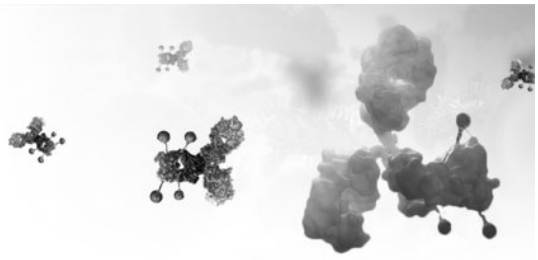

# Anti-HFRSV Monoclonal antibody, Clone C958M (DMAB3484)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

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| **Specificity** | Specific for HFRS Virus.<br>Strains: Dobrava, Puumala, Hanta and Seoul |
| **Target** | HFRSV |
| **Immunogen** | Inactivated virus particles |
| **Isotype** | IgG2b |
| **Source/Host** | Mouse |
| **Species Reactivity** | HFRSV |
| **Clone** | C958M |
| **Affinity Constant** | Not determined |
| **Purification** | 95% pure (SDS-PAGE). Protein G chromatography |
| **Conjugate** | Unconjugated |
| **Applications** | Suitable for use in ELISA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.<br>Recommended pairs for sandwich immunoassay:<br>• **Capture** DMAB3484<br>• **Detection** DMAB3483 |

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|---|---|
| | Suggested pair for testing (Capture - Detection): DMAB3484 - DMAB3483 |
| **Procedure** | Matched Antibody Pairs |
| **Format** | Purified, Liquid |
| **Concentration** | Lot specific |
| **Size** | 1 mg |
| **Buffer** | PBS, pH 7.4 |
| **Preservative** | 0.1% Sodium Azide |
| **Storage** | Store at 2-8°C. |
| **Warnings** | This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1 – 1.0 %. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains. |

# BACKGROUND

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| **Introduction** | Hantaviruses(family Bunyaviridae, genus Hantavirus) are rodent-borne, zoonotic (acquiredfrom animals), enveloped RNA viruses, and include the causative agents ofhaemorrhagic fever with renal syndrome (HFRS). The viruses that cause HFRSinclude Hanta, Dobrava, Seoul, and Puumala. Dobrova and Hanta viruses cause amore severe HFRS with fever, haemorrhage, and renal failure, and a mortalityrate of up to 15%. The mildest form of HFRS is caused by Puumala virus. |
| **Keywords** | Hemorrhagic fever with renal syndrome Virus; HFRS virus; Hantaviruses; Bunyaviridae; Hantavirus; Hemorrhagic fever with renal syndrome Virus; HFRS Virus Dobrava, Puumala, Hanta and Seoul Strains; HFRS; Andes virus; Amur virus; Azagny virus; Bayou virus; Black Creek Canal virus; Cano Delgadito virus; Calabazo virus; Catacamas virus; Choclo virus; Dobrava-Belgrade virus; El Moro Canyon virus; Hantaan virus; Imjin virus; Isla Vista virus; Khabarovsk virus; Laguna Negra virus; Limestone Canyon virus; Monongahela virus; Muleshoe virus; Muju virus; New York virus; Oran virus; Playa de Oro virus; Prospect Hill virus; Puumala virus; Rio Mamore virus; Rio Segundo virus; Saaremaa virus; Seoul virus; Sin Nombre virus; Soochong virus; Thailand virus; Thottapalayam virus; Topografov virus; Tula virus |

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