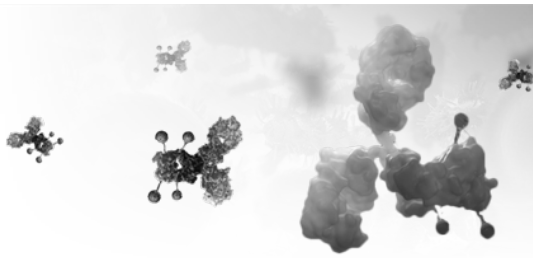

# Mouse Anti-Pertussis Toxin Subunit S-1 Hybridoma [Anti-PT-T2-5E21] (CSC-H1584)

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

## PRODUCT INFORMATION

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| **Product Overview** | This hybridoma produces mAbs (IgG1) against pertussis toxin subunit S-1 |
| **Immunogen** | Pertussis Toxins and Toxoids |
| **Isotype** | IgG1 |
| **Species** | Other Sources |
| **Clone** | Anti-PT-T2-5E21 |
| **Storage** | Liquid nitrogen vapor phase. |
| **Ship** | Dry Ice |
| **Immunological Donor** | Mouse |
| **Cell Line Description** | The hybridoma produces monoclonal antibody against pertussis toxin subunit S-1 |
| **Myeloma** | SP2/0 |
| **Fusion Species** | Mouse x Mouse Hybridoma |
| **Morphology** | lymphocyte-like |
| **Propagation** | Complete culture medium: DMEM+20%FBS+50μM 2-Mercaptoethanol+8ug/ml Insulin+1ug/ml Transferrin<br>Atmosphere: air, 95%; carbon dioxide (CO2), 5%<br>Growth temperature:37.0 centigrade |
| **Culture Medium** | DMEM with 50μM 2-Mercaptoethanol,8ug/ml Insulin and 1ug/ml Transferrin , supplemented with 20%(v/v)FBS |

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| **Subculturing** | Split ratio: 1:8-1:10 , twice per week |
| **Mycoplasma** | Mycoplasma Status: Negative (MycoAlert Kit) |
| **Safety Considerations** | The following safety precautions should be observed.<br>1. Use pipette aids to prevent ingestion and keep aerosols down to a minimum.<br>2. No eating, drinking or smoking while handling the hybridoma.<br>3. Wash hands after handling the hybridoma and before leaving the lab.<br>4. Decontaminate work surface with disinfectant or 70% ethanol before and after working with hybridoma.<br>5. All waste should be considered hazardous.<br>6. Dispose of all liquid waste after each experiment and treat with bleach. |

# GENE INFORMATION


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| **References** | 1.Sato H, Ito A, Chiba J, Sato Y Infect Immun 1984; 46:422-8. PubMed ID: 6094351<br>2.Sato H, Sato Y, Ohishi I Infect Immun 1991; 59:3832-5. PubMed ID: 1894382<br>3.Sato H, Sato Y Infect Immun 1990; 58:3369-74. PubMed ID: 1698179 |



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