CD7 (T-Cell Leukemia Marker) Antibody

Mouse Monoclonal Antibody [Clone C7/9342]

Catalog No	Format	Size
924-MSM22-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
924-MSM22-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
924-MSM22-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

Clone	C7/9342
Immunogen	Recombinant human CD7 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2b / Kappa
Mol. Weight of Antigen	25.41kDa
Cellular Localization	Membrane
Species Reactivity	Human
Positive Control	Expressed on T-cells and natural killer (NK) cells and their precursors

**Optimal dilution for a specific application should be determined.*

Product Images for CD7 (T-Cell Leukemia Marker) Antibody

Specificity & Comments

Transmembrane glycoprotein expressed by T-cells and natural killer (NK) cells and their precursors (PubMed:7506726). Plays a costimulatory role in T-cell activation upon binding to its ligand K12/SECTM1 (PubMed:10652336). In turn, mediates the production of cytokines such as IL-2 (PubMed:1709867). On resting NK-cells, CD7 activation results in a significant induction of interferon-gamma levels (PubMed:7506726).

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.