

## Product datasheet for **BM4100P**

### T Cells (Pan) Mouse Monoclonal Antibody [Clone ID: KI-T1R]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	KI-T1R
Applications:	IHC
Recommended Dilution:	<b>Immunohistochemistry on Frozen Sections</b> (5 µg/ml, 1/400). <b>Suggested Positive Control:</b> Rat spleen.
Reactivity:	Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Rat lymphocytes
Specificity:	KI-T1R detects an epitope of a 161 kD glycoprotein (4 bands of 36 kD, 38 kD, 40 kD and 47 kD under reducing conditions) which is located on the outer surface of cytoplasmic membranes. <b>Antigen Distribution</b> <b>Isolated cells:</b> KI-T1R detects approximately 80% of peripheral blood T-cells. It is negative on all other cell types. <b>Tissue Sections:</b> KI-T1R shows very characteristic staining patterns in lymphoid organs according to the T-cell distribution; paracortical T-cell zone of lymph nodes, periarteriolar T-cell zones of the spleen, T-cell nodules of the gastrointestinal tract and bone marrow, thymocytes with prevalence from thymus medulla. Monoclonal antibody KI-T1R as a pan T-cell marker is a useful reagent for the characterization of lymphoid organs and for the study of the interaction of T-cells with other cell types like macrophages.
Formulation:	PBS State: Purified State: Lyophilized Ig fraction Stabilizer: 10 mg/ml BSA Preservative: 0.09% Sodium Azide
Reconstitution Method:	Restore with 0.5 ml distilled water.
Purification:	Affinity chromatography



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<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Synonyms:</b>	T-Cells, T Lymphocytes, T-lymphocytes