

## Product datasheet for **SM1074PS**

### CD7 Mouse Monoclonal Antibody [Clone ID: LT7]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	LT7
Applications:	FC, IHC, IP
Recommended Dilution:	<b>Flow Cytometry:</b> Use 10 µl of 1/50-1/100 diluted antibody to label 10 <sup>6</sup> cells in 100 µl. <b>Immunohistochemistry on Frozen Sections.</b> <b>Immunoprecipitation.</b>
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Normal Human peripheral blood lymphocytes. Spleen cells from immunised BALB/c mice were fused with cells of the X63.653 mouse myeloma cell line.
Specificity:	This antibody recognizes Human T-cell antigen CD7, also known as TP41 or CD7. Other species not tested.
Formulation:	PBS, pH 7.4 State: Purified State: Liquid purified IgG fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	CD7 molecule
Database Link:	<a href="#">Entrez Gene 924 Human P09564</a>

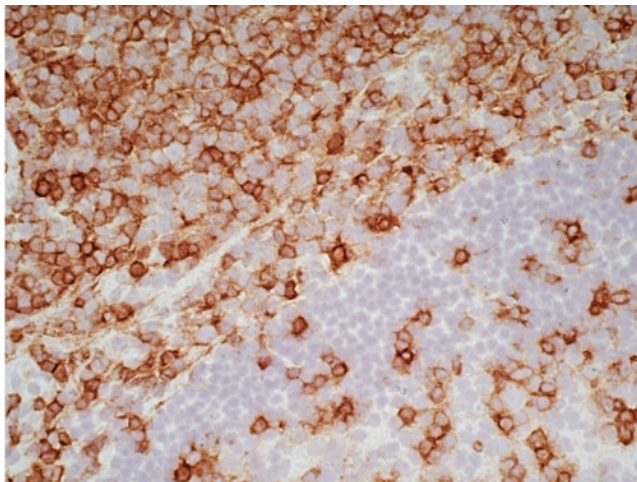


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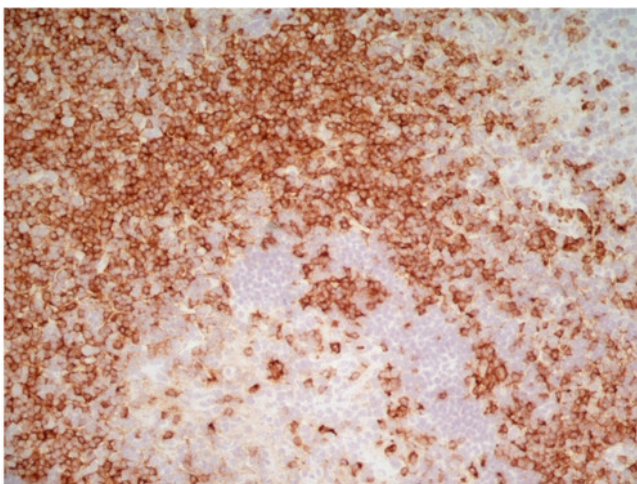
**Background:** CD7 is expressed by T cells, NK cells and thymocytes. CD7 is also expressed by tumour cells in some cases of acute myeloid leukaemia.

**Synonyms:** GP40, TP41, Leu-9

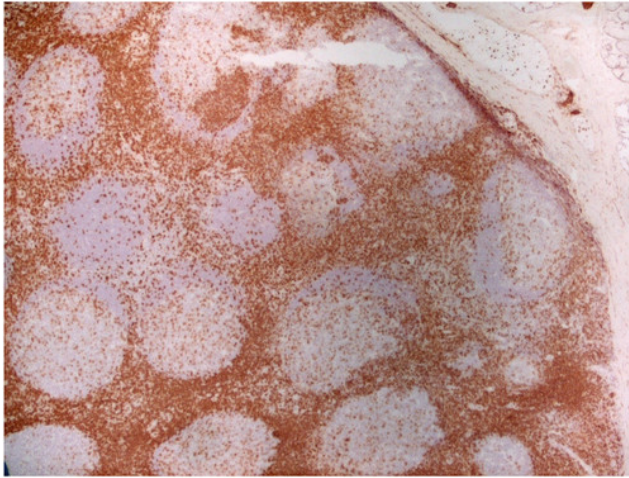
**Product images:**



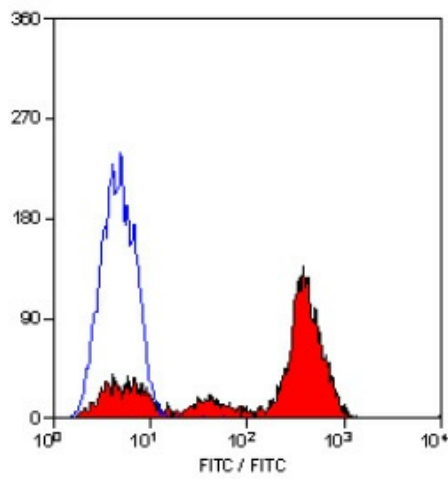
Immunoperoxidase staining of a human tonsil cryosection with Mouse anti Human CD7 antibody, clone CT7 followed by Histar Detection system. High power



Immunoperoxidase staining of a human tonsil cryosection with Mouse anti Human CD7 antibody, clone CT7 followed by Histar Detection system. Medium power



Immunoperoxidase staining of a human tonsil cryosection with Mouse anti Human CD7 antibody, clone CT7 followed by Histar Detection system. Low power



Staining of Human peripheral blood lymphocytes with Mouse anti Human CD7 antibody, clone CT7.