

SM1771P**Monoclonal Antibody to Reticulum Cells - Purified**

Quantity:	0.25 mg
Concentration:	0.5 mg/ml
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	SM20P (for use in rat samples), AM03095PU-N
Clone:	ED11
Immunogen:	Rat spleen cell homogenate. Spleen cells from immunised BALB/c mice were fused with the mouse SP2/O.Ag14 myeloma cell line.
Format:	State: Liquid purified IgG Buffer System: PBS containing 0.09% Sodium Azide
Applications:	Immunohistochemistry on frozen sections: 1/100 - 1/300. ELISA. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises reticular elements in the T cell areas and B cell follicles of spleen, lymph nodes, Peyer patches, bronchus and gut associated lymphoid tissues (BALT and GALT). In the thymus a reticular pattern is observed throughout the cortex capsule, the medulla is negative. In non-lymphoid organs positivity is seen only in reticular elements of the small intestine. No staining of liver, lung, skin, kidney, brain, pancreas or heart is seen. Biochemical analysis has revealed that ED11 recognises complement factor C3. <i>in vivo</i> studies have shown that ED11 blocks immune complex trapping on follicular dendritic cells. Species: Rat. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Van den Berg TK, Döpp EA, Brevé JJ, Kraal G, Dijkstra CD. The heterogeneity of the reticulum of rat peripheral lymphoid organs identified by monoclonal antibodies. <i>Eur J Immunol.</i> 1989 Sep;19(9):1747-56. PubMed PMID: 2676562. 2. Van den Berg TK, Döpp EA, Daha MR, Kraal G, Dijkstra CD. Selective inhibition of immune complex trapping by follicular dendritic cells with monoclonal antibodies against rat C3. <i>Eur J Immunol.</i> 1992 Apr;22(4):957-62. PubMed PMID: 1551408.