

Product datasheet                      MON10321

**MONOSAN**<sup>®</sup>

Mouse anti-Human CD47, clone 1/1A4(Monoclonal)

Clone no.                      1/1A4

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Product name	Mouse anti-Human CD47, clone 1/1A4(Monoclonal)
Host	Mouse
Applications	IHC-fr, FC, IP
Species reactivity	human
Conjugate	-
Immunogen	Human erythrocytes
Isotype	IgG2b
Clonality	Monoclonal
Clone number	1/1A4
Size	0.2 mg
Concentration	IgG 1 mg/ml
Format	Purified
Storage buffer	PBS with <0.1% sodium azide
Storage until expiry date	aliquots -20°C. Thawed 2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

## Mouse anti-Human CD47, clone 1/1A4(Monoclonal)

Clone no. 1/1A4

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**Additional info**

Mouse anti Human CD47 antibody, clone 1/1A4 recognizes human CD47, also known as integrin-associated protein, a 50kDa glycoprotein expressed on all haematopoietic cell lines, epithelial cells, endothelial cells, fibroblasts and many tumour cell lines. CD47 is involved in several cellular processes including regulation of T cell and dendritic cell activation, regulation of neutrophil (PMN) chemotaxis, caspase-independent apoptosis, and may act as a signal transducer in the regulation of cation fluxes across cell membranes. CD47 has been identified as a ligand for the inhibitory macrophage receptor known as signal regulatory protein alpha (SIRPalpha) and as a receptor for thrombospondin-1.

**References**

1. Waclavicek M et al. J Immunol 1997; 159: 5345-54
2. -
3. -
4. -
5. -

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