

Mouse anti-Macrophages, clone MAC387 (Monoclonal)

Clone no. MAC387

MONOSAN

Product name	Mouse anti-Macrophages, clone MAC387 (Monoclonal)
Host	Mouse
Applications	IHC-P,FC,IHC-fr
Species reactivity	human,rat,rabbit,pygmy hippopotamus,pig,rhesus monkey,mink,marmoset,bov
Conjugate	Purified
Immunogen	Human monocytes.
Isotype	IgG1
Clonality	Monoclonal
Clone number	MAC387
Size	0.2 mg
Concentration	1.0 mg/ml
Format	-
Storage buffer	PBS with 0.09% sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

Mouse anti Human macrophages, clone MAC387 recognizes the L1 or Calprotectin molecule, an intracytoplasmic antigen comprised of a 12 kDa alpha chain and a 14 kDa beta chain. Although originally described as binding to epitopes common to both the alpha and beta chains (Flavell et al. 1987) subsequent studies indicate that the antibody detects an epitope exclusively expressed on the beta chain (Goebeler et al. 1994) demonstrated by immunofluorescent and western blotting on both naturally expressing and transfected targets. In addition Mouse anti Human macrophages, clone MAC387 detects the beta chain in complex with the alpha. The antigen recognized by Mouse anti Human macrophages, clone MAC387 is expressed by granulocytes, monocytes and by tissue macrophages. Variable results have been reported for staining brain macrophages and microglia. The epitope recognized appears to be well conserved and the antibody is routinely used for the detection of myeloid cells in a wide range of species.

References

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