

Product datasheet for **SM2002P**

Cd47 Mouse Monoclonal Antibody [Clone ID: OX101]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OX101
Applications:	FC, IP, WB
Recommended Dilution:	Flow Cytometry. Immunoprecipitation. Western Blot.
Reactivity:	Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Rat thymocytes.
Specificity:	This antibody recognises the homologue of human CD47, which has been identified as the ligand for the signal regulatory protein (SIRP). Clone OX-101 has been reported to block the interaction of CD47 and SIRP. We recommend the use of Azide Free Antibody for this purpose.
Formulation:	PBS containing 0.09% Sodium Azide State: Purified State: Liquid purified IgG fraction from Tissue Culture Supernatant
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
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:	Cd47 molecule
Database Link:	Entrez Gene 29364 Rat P97829



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Background: Rat CD47 is expressed primarily by lymphocytes and macrophages but has also been detected at high levels on brain endothelial cells.

Synonyms: MER6, IAP, OA3