

Product datasheet for **AM01339PU-N**

FK506 Mouse Monoclonal Antibody [Clone ID: FK1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	FK1
Applications:	ELISA
Recommended Dilution:	ELISA.
Reactivity:	Streptomyces tsukubaensis
Host:	Mouse
Isotype:	IgM
Clonality:	Monoclonal
Immunogen:	FK-506-BSA conjugate. Spleen cells from immunised Balb/c mice were fused with cells of the Sp2/0 myeloma cell line.
Specificity:	This antibody clone FK1 detects FK-506, a macrolide with similar but more potent immunosuppressant activity than cyclosporine.
Formulation:	TRIS buffered saline, pH 8.0 State: Purified State: Liquid purified IgM fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
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.
Background:	FK-506 is a 23-membered lactone produced by the bacteria Streptomyces tsukubaensis. FK-506 inhibits signal transduction and interleukin-2 transcription in CD4+ T helper lymphocytes, and is mainly used after allogenic organ transplantation to reduce organ rejection. Side effects of FK-506 treatment include nephrotoxicity, neurotoxicity, diabetes mellitus and hypertension.
Synonyms:	Tacrolimus, FK-506



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