

Product datasheet for **SM1383**

maE Mouse Monoclonal Antibody [Clone ID: R29]

Product data:

Product Type:	Primary Antibodies
Clone Name:	R29
Applications:	IP, WB
Recommended Dilution:	Western blot. Immunoprecipitation.
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant Maltose Binding protein. Spleen cells from immunised mice were fused with cells of the mouse SP2/0 myeloma cell line.
Specificity:	This antibody recognizes maltose binding protein (MBP). The antibody is useful in recognising proteins expressed with an MBP tag.
Formulation:	PBS State: Purified State: Liquid purified IgG fraction from Tissue Culture Supernatant Preservative: 0.09% Sodium Azide
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.
Database Link:	POAEX9



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Background: Epitope tagging offers an easy and universal strategy for the identification and purification of proteins derived by recombinant DNA technology. The insertion of a Maltose Binding Protein (MBP) tag creates a stable fusion product that does not interfere with the bioactivity of the protein or with the biodistribution of the MBP tagged product. Cleavage by factor Xa separates MBP from its partner protein.

Synonyms: MMBP, Maltodextrin-binding protein, malE-Tag