

Product datasheet for **SM1818P**

LOC100507703 Mouse Monoclonal Antibody [Clone ID: BB7.2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	BB7.2
Applications:	FC, IHC, IP
Recommended Dilution:	Immunoprecipitation. Immunohistochemistry on Frozen Sections. Recommended Positive Control: Tonsil. Flow Cytometry: Use 10 µl of 10 µg/ml diluted antibody to label 10e6 cells or 100 µl whole blood.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Papain solubilized HLA-A2. Spleen cells from immunised BALB/c mice were fused with cells of the mouse NS1 myeloma cell line.
Specificity:	This antibody recognises the HLA-A2 histocompatibility antigen. The epitope recognised by this antibody has been studied extensively and would appear to include the carboxy-terminus of the alpha-2 helix and a turn on one of the underlying beta strands. This antibody may be used for the Flow Cytometric detection of HLA-A2 expression and has also been used for immunoaffinity purification of HLA-A2 molecules.
Formulation:	PBS containing 0.09% Sodium Azide as preservative. State: Purified State: Liquid purified IgG fraction.
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store the antibody 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.



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Background: Human leukocyte antigens are highly polymorphic proteins that are involved in the presentation of antigens to the T cell receptor. There are two classes of HLA antigens, class I (HLA A, HLA B and HLA C) and class II (HLA D).

Synonyms: HLAA2, MHC class I antigen A-2