

Product datasheet for **AM08079PU-N**

H2-Q7 Mouse Monoclonal Antibody [Clone ID: 695H1-9-9]

Product data:

Product Type:	Primary Antibodies
Clone Name:	695H1-9-9
Applications:	FC, FN
Recommended Dilution:	Flow Cytometry: < / = 1 µg/10e6 cells. Complement-mediated cytotoxicity Modulation of Qa-2 expression from peripheral T lymphocytesa. (Ref.2)
Reactivity:	Mouse
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	C3H.SW mouse skin graft and splenocytes. (Ref.1)
Specificity:	This antibody recognises Qa-2 alloantigen. It reacts with a Qa-2-determined alloantigen.
Formulation:	100 mM Borate Buffered Saline, pH 8.2. No preservatives or amine-containing buffer salts added. State: Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
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.
Gene Name:	histocompatibility 2, Q region locus 7
Database Link:	Entrez Gene 15018 Mouse P14429



[View online »](#)

Background: Qa antigens are 'non classical' MHC class I molecules of mice. Qa2 is present on restricted functional lymphocyte subpopulations. The protein product of the preimplantation embryo development (Ped) gene, Qa2 influences the rate of embryonic cleavage during the preimplantation stages of development.

Synonyms: H2Qa2