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Datasheet for ABIN371161 **anti-H2-Q7 antibody**

Overview

Quantity:	0.5 mg
Target:	H2-Q7
Reactivity:	Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This H2-Q7 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Functional Studies (Func)

Product Details

Immunogen:	C3H. SW mouse skin graft and splenocytes. (Ref. 1)
Clone:	695H1-9-9
Isotype:	IgG2a
Specificity:	This antibody recognises Qa-2 alloantigen. It reacts with a Qa-2-determined alloantigen.
Characteristics:	Synonyms: H2Qa2
Purification:	Purified

Target Details

Target:	H2-Q7
Alternative Name:	QA-2 Antigen (H2-Q7 Products)
Background:	Qa antigens are 'non classical' MHC class I molecules of mice. Qa2 is present on restricted

Target Details

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

Gene ID: 100044019

UniProt: [P14429](#)

Application Details

Application Notes: Flow Cytometry: < / = 1 µg/10⁶ cells. Complement-mediated cytotoxicity Modulation of Qa-2 expression from peripheral T lymphocytes. (Ref.2)
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Concentration: 0.5 mg/mL

Buffer: 100 mM Borate Buffered Saline, pH 8.2. No preservatives or amine-containing buffer salts added.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
Shelf life: one year from despatch.

Expiry Date: 12 months