

Anti-MHC Class II-I-A/I-E antibody [SRM5244] (STJ11107143)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	FC/ELISA
Host / Source	Rat
Reactivity	Mouse

PRODUCT PROPERTIES

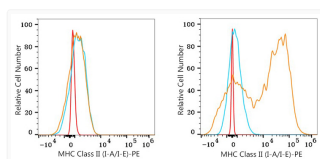
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	FC:1:500-1:1000 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 26kDa/30kDa/32kDa Observed Mw: Refer to figures
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

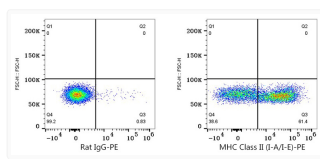
Gene Symbol	H2-Ab1 H2-Aa HB2Q_MOUSE HA2F_MOUSE HB2I_MOUSE
Specificity	Recombinant protein of mouse MHC Class II (I-A/I-E).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Flow cytometry: 1X10⁶ Neuro-2a cells (negative control, left) and C57BL/6 mouse splenocytes (right) were surface-stained with MHC Class II (I-A/I-E) Rat mAb (STJ11107143, 2 μ g/mL, orange line) or Rat IgG isotype control (2 μ g/mL, blue line), followed by PE goat anti-Rat pAb staining. Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10⁶ C57BL/6 mouse splenocytes were surface-stained with Rat IgG isotype control (2 μ g/mL, left) or MHC Class II (I-A/I-E) Rat mAb (STJ11107143, 2 μ g/mL, right), followed by PE goat anti-Rat pAb staining.