

Recombinant Anti-mouse CD8a Monoclonal Antibody (Clone 2.43), Rat IgG2b Kappa

Catalog No.: PA007167.r2b

Background

The rat anti-mouse CD8a monoclonal antibody 2.43 (rat IgG2b kappa) reacts with the mouse CD8a protein (T-cell surface glycoprotein CD8 alpha chain) encoded by the mouse CD8a gene that encodes the CD8a chain of the dimeric CD8 protein. The mouse CD8 protein is primarily responsible for cell-mediated immune defense and T-cell development. CD8a has been widely reported as a potential prognosis and diagnostic marker for several diseases, such as inflammatory disorders and tumors. It was shown that the anti-mouse CD8a rat monoclonal antibody (clone number: 2.43) can be used for depleting activity in vivo.

Our recombinant 2.43 antibodies have a part (variable regions) or complete amino acid sequences of the rat anti-mouse CD8a monoclonal antibody (hybridoma clone name or number: 2.43).

Source: The in vivo grade recombinant anti-mouse CD8a rat IgG2b kappa monoclonal antibody (clone number: 2.43) was produced in mammalian cells.

Clone: 2.43, the same sequences as the rat anti-mouse CD8a monoclonal antibody (clone number: 2.43).

Isotype: rat IgG2b, kappa.

Specificity/Sensitivity: The in vivo grade recombinant anti-mouse CD8a rat IgG2b kappa monoclonal antibody specifically binds to the mouse CD8a.

Applications: ELISA, neutralization, functional assays such as bioanalytical PK and ADA assays, and those assays for studying biological pathways affected by the mouse CD8a.

Form of Antibody: 0.2 µM filtered solution of PBS, pH 7.4.

Purity: > 95% by reducing SDS-PAGE.

Endotoxin Level: Less than 1 EU/mg of protein as determined by the LAL method.

Shipping: The product is shipped with ice pack. Upon receipt, store it immediately at the temperature recommended below.

Stability & storage:

Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

1 month from date of receipt if stored at 2°C to 8°C as supplied.

12 months from date of receipt if stored at -20°C to -70°C as supplied.

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<https://www.duozhaozhao.com/anti-mouse-cd8a-antibody-pa007167-r2b/>