

Recombinant Anti-human CD8a Monoclonal Antibody (Clone OKT8), Mouse IgG2a Kappa

Catalog No.: PA007388.m2a

Background

The mouse anti-human CD8a monoclonal antibody OKT8 (mouse IgG2a kappa) reacts with the human CD8a protein (T-cell surface glycoprotein CD8 alpha chain) encoded by the human CD8a gene that encodes the CD8a chain of the dimeric CD8 protein. The human 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-human CD8a mouse monoclonal antibody (clone number: OKT8) can be used for depleting activity in vivo.

Our recombinant OKT8 antibodies have a part (variable regions) or complete amino acid sequences of the mouse anti-human CD8a monoclonal antibody (hybridoma clone name or number: OKT8).

Source: The in vivo grade recombinant anti-human CD8a mouse IgG2a kappa monoclonal antibody (clone number: OKT8) was produced in mammalian cells.

Clone: OKT8, the same sequences as the mouse anti-human CD8a monoclonal antibody (clone number: OKT8).

Isotype: Mouse IgG2a, kappa.

Specificity/Sensitivity: The in vivo grade recombinant anti-human CD8a mouse IgG2a kappa monoclonal antibody specifically binds to the human CD8a.

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

Form of Antibody: 0.2 µM filtered solution (10.8 mg/ml) 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-human-cd8a-antibody-pa007388-m2a/>