Leader in Biomolecular Solutions for Life Science

www.abclonal.com

In Vivo Grade Recombinant Anti-Mouse CD8a Rat IgG2b Kappa Monoclonal Antibody (Clone 2.43)

Catalog No.: YR0317

Basic Information

Molecular Weight
150 kDa

Endotoxin
<1EU/mg (<0.001EU/μg)Determined by LAL gel clotting assay

Sterility
0.2 μm filtration

Aggregation
<5% Determined by SECP

Purity
>95% Determined by SDS-PAGE

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.

Reported Applications

Western blot,immunohistochemistry (IHC),Flow Cytometry (FC),and in vivo CD8+ T cell depletion.

Immunogen Information

Clone
2.43

Isotype
Rat IgG2b kappa

Immunogen
CD8a

RecommendedIsotype Control(s)
WD24002-204 In Vivo Grade Recombinant Rat IgG2b Kappa Isotype Control Antibody

Recommended Dilution Buffer

Contact

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Product Information

Production
Purified from cell culture supernatant in an animal-free facility

Purification
Protein A/G

Storage
Store at -20℃