

# 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/ $\mu$ g)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, immunohistochem istry (IHC), Flow Cytometry (FC), and in vivo CD8+ T cell dep letion.

# Immunogen Information

Clone

Isotype

2.43

Rat IgG2b kappa

### **Immunogen**

CD8a

# RecommendedIsotype Control(s)

WD24002-204 In Vivo Grade Recombinant Rat IgG2b Kappa Isotype Control Antibody

# **Recommended Dilution Buffer**

1×PBS

# **Contact**

2	400-999-6126
$\bowtie$	cn.market@abclonal.com.cn
•	www.abclonal.com.cn

## **Product Information**

Production

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

Protein A/G

#### Storage

Store at 2 - 8°C. 2 - 8°C for up to 4 weeks and -80°C for long term storage (Avoid repeated freezing and thawing)