Anti-mouse OX40 Antibody for Flow Cytometry (Clone: OX86, Human IgG1 Fc Silent Kappa) | PA007503.h1Fs

Catalog No.: PA007503.h1Fs | **Isotype:** Human IgG1 Fc Silent Kappa | **Flow Cytometry / In Vivo Grade**

Recombinant anti-mouse OX40 monoclonal antibody (Clone OX86), engineered with a Human IgG1 Fc-Silent domain to eliminate ADCC/CDC and minimize non-specific Fc receptor binding during flow cytometry, immunohistochemistry, and functional assays. Variable regions are derived from the classic rat anti-mouse OX40 clone OX86 and recombinantly expressed in mammalian cells.

Product Specifications

Catalog No.	PA007503.h1Fs
Product Name	Recombinant Anti-mouse OX40 Monoclonal Antibody (Clone: OX86), Human IgG1 Fc Silent Kappa
Synonyms	CD134
Clone & Isotype	OX86 | Human IgG1 Fc Silent Kappa
Applications	Flow cytometry (FC), and Immunohistochemistry - Frozen (IHC-F).
Reactivity & Specificity	Mouse OX40 protein. The recombinant OX86 antibody for Flow Cytometry specifically binds to mouse OX40 protein.
Source / Host	The anti-mouse OX40 monoclonal antibody (clone: OX86) for Flow Cytometry was produced in mammalian cells.
Formulation & Conjugate	0.2 uM filtered solution, pH 7.4, containing 0.09% sodium azide. Non-conjugated.
Purity	**>95%** by SDS-PAGE under reducing conditions.
Shipping	The Recombinant Anti-mouse OX40 Monoclonal Antibody (Clone: OX86) for Flow Cytometry, Human IgG1 Fc Silent Kappa 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. 12 months from date of receipt, 2 to 8°C as supplied. Do not freeze it.

Biological Description & Background

Recombinant Human IgG1 Monoclonal Antibody with Fc silent mutation.

The rat anti-mouse OX40 / CD134 monoclonal antibody OX86 (rat IgG1 kappa) reacts with the mouse OX40 protein (CD134), a costimulatory molecule that belongs to the tumor necrosis factor receptor (TNFR) superfamily. OX40 agonist-based combinations are emerging as promising candidates for novel cancer immunotherapy. The OX86 antibody is recommended for detection of mouse OX40 cell surface antigen by IF and FCM available conjugated to either phycoerythrin or FITC for IIHC (P) and FCM.

Engineered with a Human IgG1 Fc Silent domain, clone OX86 eliminates ADCC/CDC effector functions and prevents non-specific Fc receptor binding, providing an optimal Fc-silent reagent for high-precision flow cytometry, immunohistochemistry, and functional assays. Our recombinant OX86 antibodies have a part (variable regions) or complete amino acid sequences of the rat anti-mouse OX40 monoclonal antibody (hybridoma clone name or number: OX86).

Ordering & Technical Support

For custom volume ordering or inquiries, please visit the product webpage or contact our support team:

- **Product Webpage:** https://www.ushelf.com/anti-mouse-ox40-monoclonal-antibody-pa007503-h1fs/
- **Order Phone:** 1-617-401-8149 | **Fax:** 1-617-606-5022
- **Support Email:** message@sydlabs.com