PA007467.m1: Recombinant Anti-human CD28 Monoclonal Antibody (Clone: 15E8) for Flow Cytometry, Mouse IgG1 Kappa, In vivo Grade

Catalog No.: PA007467.m1 | **Product Name:** Recombinant Anti-human CD28 Monoclonal Antibody (Clone: 15E8), Mouse IgG1 Kappa

Recombinant Mouse IgG1 isotype controls are available. Condition of sample preparation and optimal sample dilution should be determined experimentally by the investigator.

PRODUCT SPECIFICATIONS

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Product Name	Recombinant Anti-human CD28 Monoclonal Antibody (Clone: 15E8), Mouse IgG1 Kappa
Supplier Name	Syd Labs, Inc.
Brand Name	Syd Labs
Synonyms	T-cell-specific surface glycoprotein CD28; TP44
Clone	15E8.
Isotype	Mouse IgG1 Kappa.
Source/Host	The anti-human CD28 monoclonal antibody (clone: 15E8) for Flow Cytometry was produced in mammalian cells.
Specificity/Sensitivity	The recombinant 15E8 antibody for Flow Cytometry specifically binds to mouse CD28.
Applications	Flow cytometry (FC), and Immunohistochemistry - Frozen (IHC-F).
Form Of Antibody	0.2 uM filtered solution, pH 7.4, containing 0.09% sodium azide.
Conjugate	Non-conjugated.
Purity	>95% by SDS-PAGE under reducing conditions.
Shipping & Storage	The Recombinant Anti-human CD28 Monoclonal Antibody (Clone: 15E8) for Flow Cytometry, Mouse IgG1 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.

REFERENCES & BACKGROUND

The 15E8 monoclonal antibody specifically targets human CD28 (TP44), a surface glycoprotein co-stimulatory receptor expressed on T cells. Binding of 15E8 provides critical co-stimulatory signals required for T cell proliferation, survival, and interleukin production in functional cellular assays, flow cytometry gating, and frozen tissue section staining (IHC-F).