SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com
www.creative-biolabs.com

Creative **Biolabs** ®

Product Information

MemDX™ Antibody Discovery - Human / Cynomolgus / Rhesus macaque CD28 (19-152)

Membrane Protein, Partial, -mIgG2a Fc tag, low endotoxin

Cat. No.: **MP1232F**
This product is for research use only and is not intended for diagnostic use.

This membrane protein is Human / Cynomolgus / Rhesus macaque CD28 (19-152). It has been tested in SDS-PAGE, ELISA, BLI. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species
Human / Cynomolgus / Rhesus macaque

Target Protein
CD28

Protein Length
ECD

Molecular Weight
The protein has a calculated MW of 42.0 kDa. The protein migrates as 50-66 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Sequence
AA Asn 19 - Pro 152 (Accession # P10747-1).

Product Description

Activity
Yes

Application
SDS-PAGE, ELISA, BLI

Expression Systems
HEK293

Tag
Mouse IgG2a Fc tag at the C-terminus

Protein Format
Soluble

Form

LYOPH

Reconstitution

Please see Certificate of Analysis for specific instructions.

Endotoxin

<0.1 EU/µg by the LAL method

Purity

>95% as determined by SDS-PAGE.

Buffer

Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, pH7.5. Normally trehalose is added as protectant before lyophilization.Contact us for customized product form or formulation.

Storage

Stored at lyophilized form at -20°C or lower. Avoid repeated freeze-thaw cycles.
The antigen can be stable for 12 months in lyophilized form after storage at -20°C to -80°C, 3 months under sterile coditions after reconstitution after storage at -80°C.

Target

Target Protein

CD28

Full Name

CD28 molecule

Introduction

The protein encoded by this gene is essential for T-cell proliferation and survival, cytokine production, and T-helper type-2 development. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene

Alternative Names

Tp44; T-cell-specific surface glycoprotein CD28

Gene ID

940

UniProt ID

P10747