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12-9450: Anti-GDF15 antibody(DMC474); IgG1 Chimeric mAb

Clonality: Monoclonal Clone Name: **DMC474** Application: **FACS** Reactivity: Human Q99988 Uniprot ID:

Alternative Name: GDF-15; MIC-1; MIC1; NAG-1; PDF; PLAB; PTGFB

Isotype: Rabbit/Human Fc chimeric IgG1

Description

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This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate each subunit of the disulfide-linked homodimer. The protein is expressed in a broad range of cell types; acts as a pleiotropic cytokine and is involved in the stress response program of cells after cellular injury. Increased protein levels are associated with disease states such as tissue hypoxia; inflammation; acute injury and oxidative stress. [provided by RefSeq; Aug 2016]

Product Info

Amount: $10 \mu g / 100 \mu g$

Purification: Purified from cell culture supernatant by affinity chromatography

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before Content:

lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for Storage condition:

use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized

proteins are shipped at ambient temperature.

Application Note

FACS 1:100

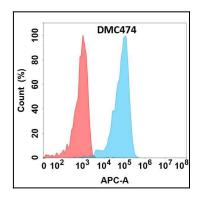


Figure 1. Flow cytometry analysis with Anti-GDF15 (DMC474) on Expi293 cells transfected with human GDF15 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).