

PRODUCT INFORMATION

Clone ID	DMC474
Target	GDF15
Synonyms	GDF-15; MIC-1; MIC1; NAG-1; PDF; PLAB; PTGFB
Host Species	Rabbit
Description	Anti-GDF15 antibody(DMC474); IgG1 Chimeric mAb
Delivery	In Stock
Uniprot ID	Q99988
IgG type	Rabbit/Human Fc chimeric IgG1
Clonality	Monoclonal
Reactivity	Human
Applications	Flow Cyt
Recommended Dilutions	Flow Cyt 1:100
Purification	Purified from cell culture supernatant by affinity chromatography
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage & Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	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]
Usage	Research use only
Conjugate	Unconjugated



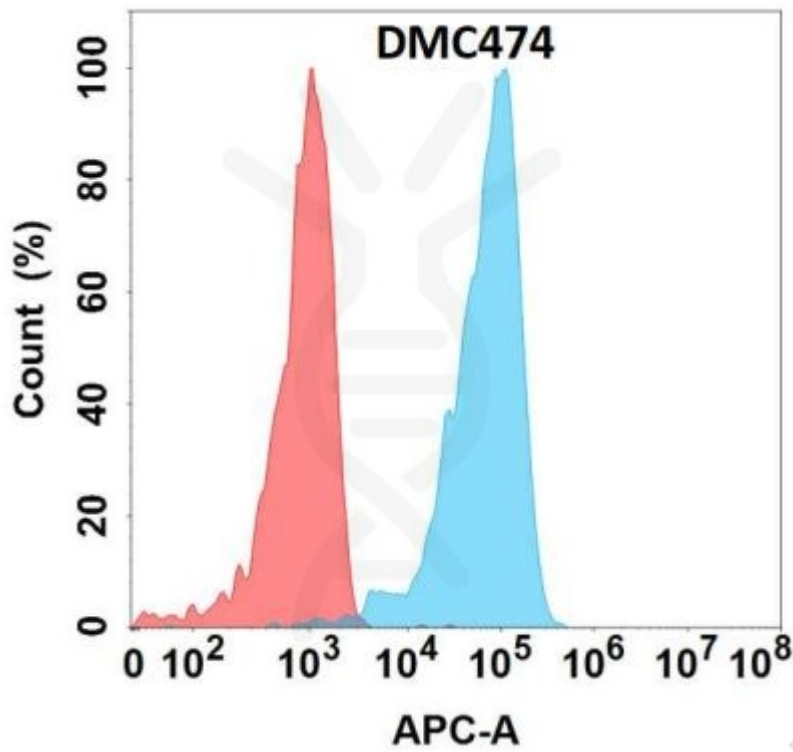


Figure 1. Flow cytometry analysis with Anti-GDF15 (DMC474) on Expi293 cells transfected with human GDF15 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

