

CAB22097

Product Information

Product SKU:	CAB22097	Gene ID:	9518	Size:	20uL, 100uL
Clone No:	ARC55565	Host Species:	Rabbit	Reactivity:	Human

Additional Information

Observed MW:	15kDa/35kDa	Conjugate:	Unconjugated
Calculated MW:	34kDa	Isotype:	IgG

Immunogen Information

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.

Recommended Dilution: WB, 1:1000 - 1:5000

Synonyms: PDF; MIC1; PLAB; MIC-1; NAG-1; PTGFB; GDF-15; GDF15

Purification Method: Affinity purification

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 100-200 of human GDF15 (NP_004855.2).

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH 7.3.