

Anti-ST2 Detection Antibody

CATALOG NO.: A2099-100 (100 µg)

BACKGROUND DESCRIPTION: Suppressor of tumorigenicity (ST2) belongs to the interleukin 1 family of receptors. It exists in two isoforms: soluble form (sST2) found circulating in the plasma and transmembrane receptor form (ST2L). This protein is expressed by cardiomyocytes and vascular endothelial cells. Binding of ST2L to its ligand IL-33, prevents hypertrophy of the myocardium and fibrosis. However, sST2 competes with ST2L to bind to IL-33 and upon binding its ligand, neutralizes the cardioprotective effects of IL-33 and ST2L. Elevated levels of sST2 is associated with ventricular remodeling, fibrosis and chronic heart failure.

ANTIBODY TYPE: Monoclonal

HOST/ISOTYPE: Mouse/IgG1

IMMUNOGEN: Recombinant ST2

PURIFICATION: Protein A purified

FORM: Liquid

FORMULATION: In 10 mM PBS, pH 7.4, 0.02% Proclin 300

SPECIFICITY: Human ST2

STORAGE CONDITIONS: Short Term 2-8°C, Long Term -20°C. Avoid freeze/thaw cycles

APPLICATIONS AND USAGE: ELISA, Lateral Flow, CLIA

Note: This product is not for diagnostic purposes. It is the sole responsibility of the user to assume care, control and custody of the material, and ensure appropriate disposal, as per all regulations.

RELATED PRODUCTS:

IL-33 Antibody (5110)
 Anti-HIF-1-alpha, Rabbit Monoclonal Antibody (A1128)
 XIAP Antibody (3183)
 cIAP-1/HAIP-2 Antibody (3180)

FOR RESEARCH USE ONLY! Not to be used on humans.