

Rev01  
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DATASHEET

# ST2 (8H6), mAb, Mouse

Cat. No.: V06102

## Overview

<b>Specificity</b>	Human ST2
<b>Recommended Pairs</b>	<b>Sandwich immunoassay (Capture-Detection):</b> 6B3 - 8H6 6B3 - 16G5
<b>Clone ID</b>	8H6
<b>Isotype</b>	IgG1 for mAbs 8H6
<b>Subclass</b>	IgG1
<b>Host Species</b>	Mouse
<b>Antigen Species</b>	Human

## Properties

<b>Conjugation</b>	Unconjugated
<b>Production</b>	Cultured in vitro under conditions free from animal-derived components
<b>Purification</b>	Protein A/G affinity column
<b>Concentration</b>	≥ 2mg/ml
<b>Formulation</b>	50 mM Na-citrate, 150 mM NaCl, pH 7.0, containing 0.03% ProClin 300.
<b>Storage</b>	For long term storage, aliquot and store at -25°C~-15°C or below. Avoid repeated freezing and thawing cycles.
<b>Note</b>	GenScript can customize this product per customer's request including product size, buffer components, etc.

## Applications

Platform	Capture	Detection
ELISA	6B3	8H6
	6B3	16G5

## Background

**Target Background :** Suppression of Tumorigenicity 2 (ST2), a member of the Interleukin-1 receptor family, has two isoforms, one is soluble form (sST2) and the other one is transmembrane form (ST2L). sST2, lacking the transmembrane and intracellular domains, can prevent the interaction between IL-33 and ST2L. It plays a role in inflammatory and immune processes and is considered as a promising marker for myocardial stress.

**For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.**

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