
ST2 Rabbit pAb

Catalog Number: bs-23758R

Target Protein: ST2

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Human, Mouse

Predicted MW: 61 kDa

Subcellular: Secreted, Cell membrane

Locations:

Entrez Gene: 9173

Swiss Prot: Q01638

Source: KLH conjugated synthetic peptide derived from human ST2 (isoform A,B,C): 1-100/556.

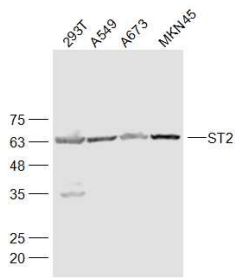
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

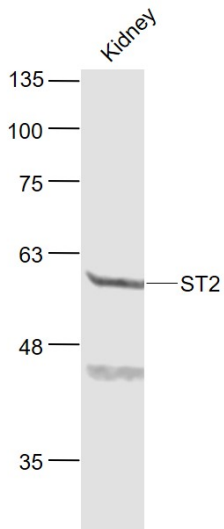
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: ST2 is a member of a superfamily containing the Interleukin 1 (IL1) receptor and the Toll-like receptors (TLRs). The TLRs are signaling molecules that recognize different microbial products during infection and serve as an important link between the innate and adaptive immune responses. ST2 was originally identified as a protein whose production was stimulated by various proliferation-inducing agents such as PDGF and FGF. More recently, it has been shown to negatively regulate IL1 receptor and Toll-like receptor 4 (TLR4) signaling and to maintain endotoxin tolerance. It has been suggested that the inhibition of TLR4 signaling occurs through the association and sequestering of TLR adaptor molecules such as MyD88 and TIRAP.

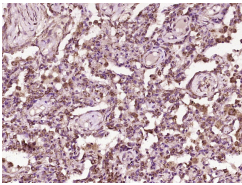
VALIDATION IMAGES



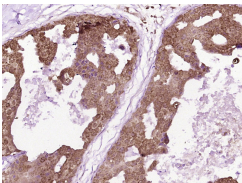
Sample: 293T(Human) Cell Lysate at 30 ug A549(Human) Cell Lysate at 30 ug A673(Human) Cell Lysate at 30 ug MKN45(Human) Cell Lysate at 30 ug Primary: Anti-ST2 (bs-23758R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 61 kD Observed band size: 61 kD



Sample: Kidney (Mouse) Lysate at 40 ug Primary: Anti- ST2 (bs-23758R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 61 kD Observed band size: 61 kD



Paraformaldehyde-fixed, paraffin embedded (Human lung carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (ST2) Polyclonal Antibody, Unconjugated (bs-23758R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Human breast carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (ST2) Polyclonal Antibody, Unconjugated (bs-23758R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

PRODUCT SPECIFIC PUBLICATIONS

[IF=3.7] Yuqi Liu. et al. Prognostic value and clinical significance of IL-33 expression in patients with uterine corpus endometrial carcinoma. CYTOKINE. 2025 Jan;185:156828 IHC ; Human . 39657332

[IF=3.263] Li L et al. Sacubitril/valsartan attenuates atrial electrical and structural remodelling in a rabbit model of atrial fibrillation. Eur J Pharmacol . 2020 Aug 15;881:173120. IHC,WB ; rabbit . 32325147