

bs-23758R**[Primary Antibody]****ST2 Rabbit pAb****Bioss**
ANTIBODIES

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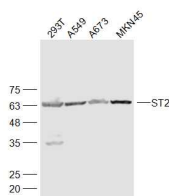
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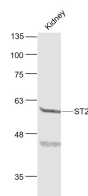
400-901-9800

— DATASHEET —

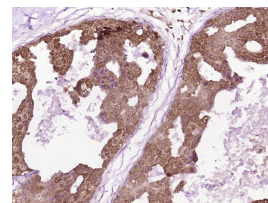
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 9173	SWISS: Q01638	IHC-F (1:100-500)
Target: ST2		IF (1:100-500)
Immunogen: KLH conjugated synthetic peptide derived from human ST2 (isoform A,B,C): 1-100/556.		Reactivity: Human, Mouse
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 61 kDa
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.		Subcellular Location: Secreted ,Cell membrane
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 —

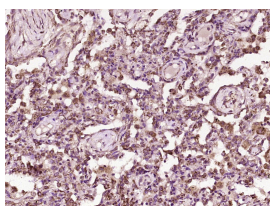
Sample: 293T(Human) Cell Lysate at 30 ug
A549(Human) Cell Lysate at 30 ug A673(Human)
Cell Lysate at 30 ug MKN45(Human) Cell Lysate
at 30 ug Primary: Anti-ST2 (bs-23758R) at
1/1000 dilution Secondary: IRDye800CW Goat
Anti-Rabbit IgG at 1/20000 dilution Predicted
band size: 61 kD Observed band size: 61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



Paraformaldehyde-fixed, paraffin embedded
(Human lung carcinoma); Antigen retrieval by

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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.

— SELECTED CITATIONS —

- **[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
- **[IF=2.5]** Hua-qi Hu. et al. Yinqiao antipruritic formula attenuates atopic dermatitis-like skin lesions through modulating the cytokine-cytokine receptor interaction pathway. FITOTERAPIA. 2025 Apr;:106529 IHC ;Mouse. 40204047