

bsm-60326R

[Primary Antibody]



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400-901-9800

STING1 Recombinant Rabbit mAb

DATASHEET

Host: Rabbit

Clonality: Recombinant

Target: STING1

Immunogen: A synthesized peptide derived from human STING: 250-379/379.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

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: This gene encodes a five transmembrane protein that functions as a major regulator of the innate immune response to viral and bacterial infections. The encoded protein is a pattern recognition receptor that detects cytosolic nucleic acids and transmits signals that activate type I interferon responses. The encoded protein has also been shown to play a role in apoptotic signaling by associating with type II major histocompatibility complex. Mutations in this gene are the cause of infantile-onset STING-associated vasculopathy. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2014]

Isotype: IgG

CloneNo.: H9B4

Applications: WB (1:500-2000)

IHC-P (1:100-500)

IHC-F (1:100-500)

IF (1:100-500)

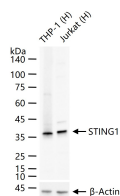
Flow-Cyt (1:50-100)

ICC/IF (1:50-200)

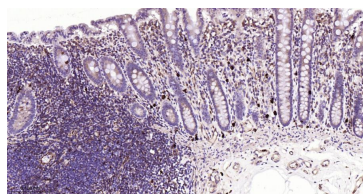
Reactivity: Human

Subcellular Location: Cell membrane ,Cytoplasm

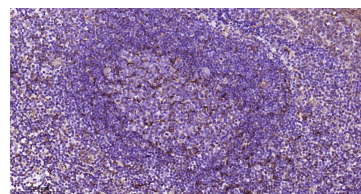
VALIDATION IMAGES



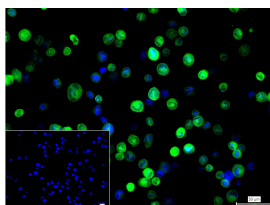
25 ug total protein per lane of various lysates (see on figure) probed with STING1 monoclonal antibody, unconjugated (bsm-60326R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



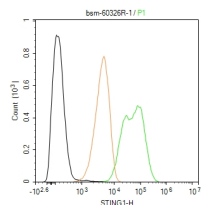
Paraformaldehyde-fixed, paraffin embedded Human Colon; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with STING1 Monoclonal Antibody, Unconjugated (bsm-60326R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Tonsil; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with STING1 Monoclonal Antibody, Unconjugated (bsm-60326R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



4% Paraformaldehyde-fixed THP-1 (H) cell; Triton X-100 at r.t. for 20 min; Antibody incubation with (STING1) monoclonal Antibody, unconjugated (bsm-60326R) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green, bs-60295G-BF488) at 37°C for 90 min, DAPI (blue, C02-04002) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.



The THP-1 (H) cells were fixed with 4% PFA (10 min at r.t.) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, the cells then were incubated in 5% BSA to block non-specific protein-protein interactions (30 min at r.t.), followed by secondary antibody incubation for 40 min at room temperature. Primary Antibody (green): Rabbit Anti-STING1 antibody (bsm-60326R, 1:100); Isotype Control (orange): Rabbit IgG (bs-0295P). Blank control (black):

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

PBS. Acquisition of 20,000 events was performed.