

For Research Use Only

CoraLite®594-conjugated TMEM173/STING Recombinant antibody

Catalog Number:CL594-80165



Basic Information

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| Catalog Number: CL594-80165 | GenBank Accession Number: BC047779 | Purification Method: Protein A purification |
| Size: 100ul , Concentration: 1000 ug/ml by Nanodrop; | GeneID (NCBI): 340061 | CloneNo.: 7K7 |
| Source: Rabbit | UNIPROT ID: Q86WW6 | Recommended Dilutions: IF-P 1:50-1:500 |
| Isotype: IgG | Full Name: transmembrane protein 173 | Excitation/Emission maxima wavelengths: 588 nm / 604 nm |
| Immunogen Catalog Number: AG13921 | Calculated MW: 379 aa, 42 kDa | |
| | Observed MW: 37 kDa | |

Applications

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| Tested Applications: IF-P | Positive Controls: IF-P : human tonsillitis tissue, |
| Species Specificity: Human, Mouse, Rat | |

Background Information

Stimulator of interferon genes (STING, also known as ERI5, MITA and MPYS, and encoded by TMEM173) is a transmembrane adaptor protein that facilitates innate immune signaling (PMID: 18724357). STING is widely expressed in various cell types such as endothelial cells, epithelial cells, T cells, macrophages, and dendritic cells (PMID: 26603901). It is predominantly located in the endoplasmic reticulum (ER). STING functions as a sensor of cytosolic DNA and promotes the production of type I interferons and pro-inflammatory cytokines.

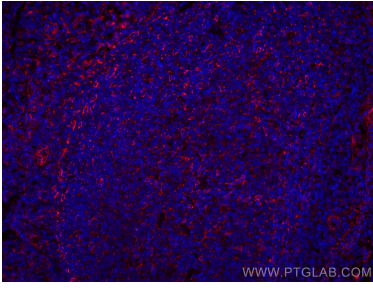
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

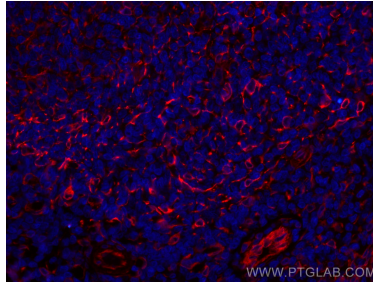
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CoraLite®594 TMEM173/STING antibody (CL594-80165, Clone: 7K7) at dilution of 1:200.



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