

Product Datasheet

STING/TMEM173 Antibody

NBP2-24548

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-24548**STING/TMEM173 Antibody**

| Product Information | |
|----------------------------|--|
| Unit Size | 0.1 mg |
| Concentration | 0.5 mg/ml |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.05% Sodium Azide |
| Purity | Immunogen affinity purified |
| Buffer | 0.2 ml PBS and 0.05% BSA |

| Product Description | |
|----------------------------|--|
| Host | Rabbit |
| Gene ID | 340061 |
| Gene Symbol | TMEM173 |
| Species | Human |
| Reactivity Notes | The amino acid sequence used as immunogen is 100% homologous in human (isoform CRA_a), chimpanzee and rhesus monkey, 87% homologous in dog and cow, 81% homologous in horse, mouse and boar and 75% homologous in rat. |
| Immunogen | A portion of amino acids 50-100 of human STING was used as the immunogen. |

| Product Application Details | |
|------------------------------------|---|
| Applications | Western Blot, Immunocytochemistry/Immunofluorescence |
| Recommended Dilutions | Western Blot 5-10 ug/ml, Immunocytochemistry/Immunofluorescence |

Publications

Diner BA, Li T, Greco TM et al. The functional interactome of PYHIN immune regulators reveals IFIX is a sensor of viral DNA. Mol Syst Biol. 2015-02-09 [PMID: 25665578]

Berg RK, Rahbek SH, Kofod-Olsen E et al. T Cells Detect Intracellular DNA but Fail to Induce Type I IFN Responses: Implications for Restriction of HIV Replication. PLoS One 2014-01-01 [PMID: 24404168] (WB, ICC/IF, Human)

Holm CK, Jensen SB, Jakobsen MR et al. Virus-cell fusion as a trigger of innate immunity dependent on the adaptor STING. Nat Immunol. 2012-06-17 [PMID: 22706339]

Tamassia N, Bazzoni F, Le Moigne V et al. IFN- β expression is directly activated in human neutrophils transfected with plasmid DNA and is further increased via TLR-4-mediated signaling. J Immunol. 2012-08-01 [PMID: 22730532] (WB)

Details:

TBk1 (IMG-139A) & STING (IMG- 6422A) 1. WB (TBk1): Whole human neutrophil and monocytes, Fig S1. 2. WB (STING): Whole human neutrophil and monocytes, Fig 6A.

Heiber JF, Barber GN. Evaluation of innate immune signaling pathways in transformed cells. Methods Mol Biol. 2012-01-01 [PMID: 21948479] (WB)

Details:

WB (Table 1), page 226. Data not shown.





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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