Recombinant STING1 / TMEM173 Antibody

Rabbit Monoclonal Antibody [Clone STING1/8187R]

Catalog No	Format	Size
340061-RBM13-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
340061-RBM13-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
340061-RBM13-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

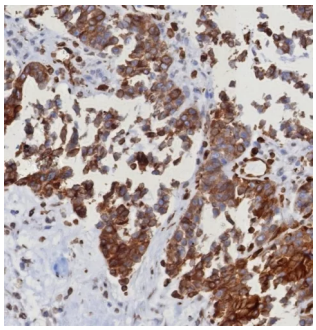
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

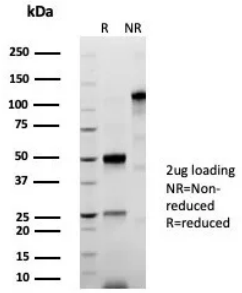
Clone	STING1/8187R
Immunogen	Recombinant fragment (around aa268-375) of the human STING1 (Stimulator of Interferon Response cGAMP Interactor 1) protein (exact sequence is proprietary)
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	42.19kDa
Cellular Localization	Autophagosome membrane, Cell membrane, Cytoplasm, Cytoplasmic vesicle, Endoplasmic reticulum membrane, Endoplasmic reticulum-Golgi intermediate compartment membrane, Golgi apparatus membrane, Mitochondrion outer membrane, Perinuclear region
Species Reactivity	Human
Positive Control	Cytoplasmic expression in several tissues including cells in respiratory tract|fallopian tube and cells in lymphoid tissues. Human Brain, Human Heart, Human Kidney, Human Lung, Human Spleen, Human Ovary, HeLa, Jurkat or Raw.

**Optimal dilution for a specific application should be determined.*

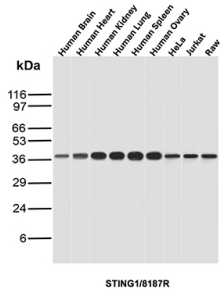
Product Images for Recombinant STING1 / TMEM173 Antibody



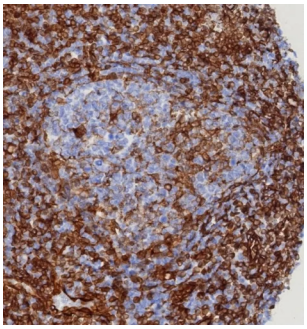
Formalin-fixed, paraffin-embedded human serous ovarian carcinoma stained with STING1 Recombinant Rabbit Monoclonal Antibody (STING1/8187R). HIER: Tris/EDTA, pH9.0, 45min. 2°C: HRP-polymer, 30min. DAB, 5min.



SDS-PAGE Analysis of Purified STING1 Recombinant Rabbit Monoclonal Antibody (STING1/8187R). Confirmation of Purity and Integrity of Antibody.



Western Blot Analysis of Human Brain, Human Heart, Human Kidney, Human Lung, Human Spleen, Human Ovary, HeLa, Jurkat and Raw lysates using STING1 Recombinant Rabbit Monoclonal Antibody (STING1/8187R).



Formalin-fixed, paraffin-embedded human spleen stained with STING1 Recombinant Rabbit Monoclonal Antibody (STING1/8187R). HIER: Tris/EDTA, pH9.0, 45min. 2°C: HRP-polymer, 30min. DAB, 5min.

Specificity & Comments

TMEM17 (transmembrane protein 173) is a 379 amino acid protein encoded by a gene mapping to human chromosome 5. With 181 million base pairs encoding around 1,000 genes, chromosome 5 is about 6% of human genomic DNA. It is associated with Cockayne syndrome through the ERCC8 gene and familial adenomatous polyposis through the adenomatous polyposis coli (APC) tumor suppressor gene. Treacher Collins syndrome is also chromosome 5 associated and is caused by insertions or deletions within the TCOF1 gene. Deletion of the p arm of chromosome 5 leads to Cri du chat syndrome. Deletion of 5q or chromosome 5 altogether is common in therapy-related acute myelogenous leukemias and myelodysplastic syndrome.

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

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