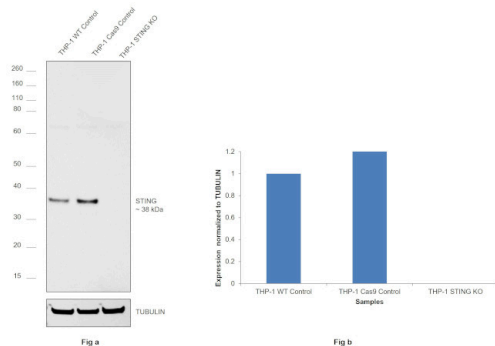


STING Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Non-human primate, Rhesus monkey, Dog
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide (310-360) of STING protein.
Form	Liquid
Concentration	1.0 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS
Contains	0.02% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2540904

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	-
Immunohistochemistry (IHC)	-	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:300	-
Immunohistochemistry (Frozen) (IHC (F))	Assay-Dependent	-
Immunocytochemistry (ICC/IF)	5-10 µg/mL	1 Publication
Flow Cytometry (Flow)	1-5 µg/million cells	-
ELISA (ELISA)	Assay-Dependent	-
Miscellaneous PubMed (Misc)	-	1 Publication

Product Images For STING Polyclonal Antibody

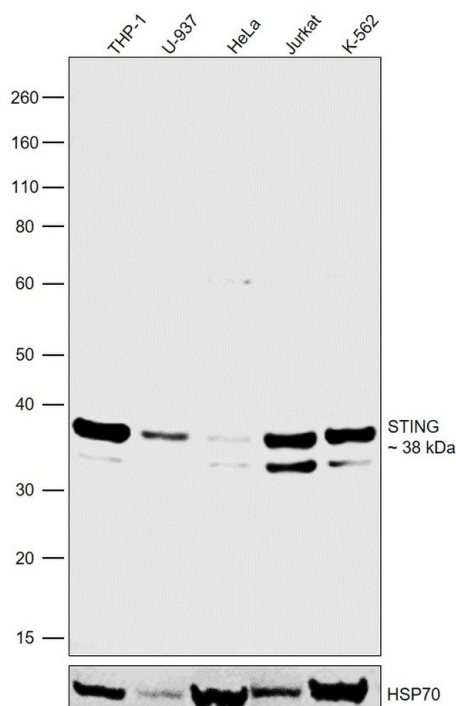


STING Antibody (PA5-23381)

Antibody specificity was demonstrated by CRISPR-Cas9 mediated knockout of target protein. A loss of signal was observed for target protein in STING KO cell line compared to control cell line using STING Polyclonal Antibody (Product # PA5-23381). {KO}

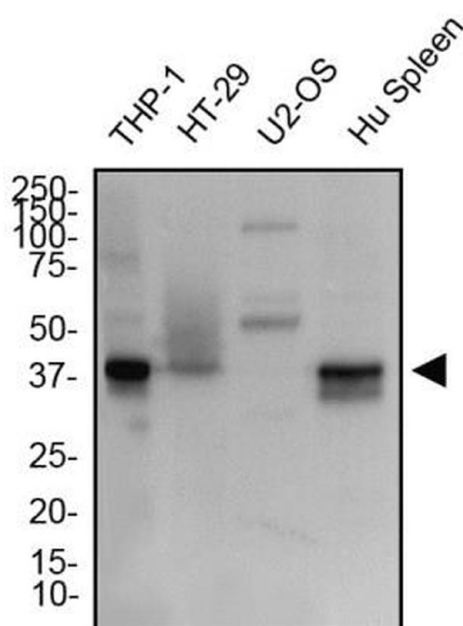
STING Antibody (PA5-23381) in WB

Western blot was performed using Anti-TMEM173 (Product # PA5-23381) and a 38 kDa band corresponding to TMEM173 was observed. Whole cell extracts (30 µg lysate) of THP-1 (Lane 1), U-937 (Lane 2), HeLa (Lane 3), Jurkat (Lane 4) and K-562 (Lane 5) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0322BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:1000) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:20,000) using the iBright™ FL1500 Imaging System (Product # A44115). Chemiluminescent detection was performed using SuperSignal™ West Pico PLUS Chemiluminescent Substrate (Product # 34580).



STING Antibody (PA5-23381) in WB

Western blot analysis of STING in THP-1, HT-29, U2OS cells and human spleen. Samples were incubated in STING polyclonal antibody (Product # PA5-23381) using a dilution of 2 µg/mL followed by an anti-rabbit HRP secondary antibody. Separated on a 12% gel by SDS-PAGE, transferred to PVDF membrane and blocked in 5% non-fat milk in TBST. Detection: chemiluminescence.



3 References

Immunohistochemistry (1)

<p>Oncology letters</p> <p>ASA404, a vascular disrupting agent, as an experimental treatment approach for brain tumors.</p> <p>"Published figure using STING polyclonal antibody (Product # PA5-23381) in Immunohistochemistry"</p> <p>Authors: Bähr O,Gross S,Harter PN,Kirches E,Mawrin C,Steinbach JP,Mittelbronn M</p>	<p>Year</p> <p>2017</p>
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Immunocytochemistry (1)

<p>Nature communications</p> <p>Human rhinovirus promotes STING trafficking to replication organelles to promote viral replication.</p> <p>"Published figure using STING polyclonal antibody (Product # PA5-23381) in Immunocytochemistry"</p> <p>Authors: Triantafilou M,Ramanjulu J,Booty LM,Jimenez-Duran G,Keles H,Saunders K,Nevins N,Koppe E,Modis LK,Pesiridis GS,Bertin J,Triantafilou K</p>	<p>Year</p> <p>2022</p>
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Miscellaneous PubMed (1)

<p>mBio</p> <p>AIM2-Like Receptors Positively and Negatively Regulate the Interferon Response Induced by Cytosolic DNA.</p> <p>"Published figure using STING polyclonal antibody (Product # PA5-23381) in Miscellaneous"</p> <p>Authors: Nakaya Y,Lilue J,Stavrou S,Moran EA,Ross SR</p>	<p>Year</p> <p>2017</p>
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