

ARG30343 GSDME-mediated Pyroptosis Antibody Panel

Package: 1 kit
Store at: -20°C

Component

Cat. No.	Component Name	Host clonality	Reactivity	Application	Package
ARG42602	anti-GSDME / DFNA5 antibody	Rabbit pAb	Hu	IP, WB	20 µl
ARG54938	anti-Caspase 3 antibody	Rabbit pAb	Hu, Ms, Rat	ICC/IF, IHC-P, IP, WB	20 µl
ARG65863	anti-HMGB1 antibody [SQab1711]	Mouse mAb	Hu, Ms, Rat	ELISA, FACS, ICC/IF, IHC-P, WB	20 µg

Summary

Product Description Related news:
[HMGB1, a biomarker and therapeutic target in COVID-19](#)
[AMPK signaling regulates NLRP3 inflammation and pyroptosis](#)

Target Name GSDME-mediated Pyroptosis

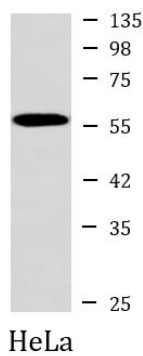
Properties

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

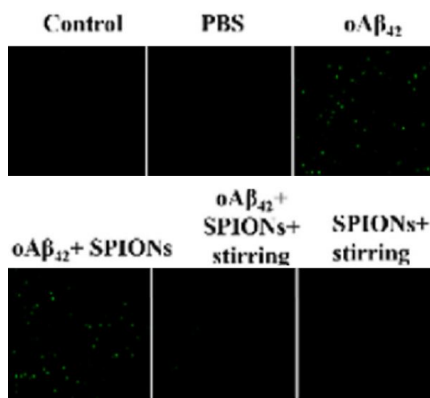
Bioinformation

Highlight Related Product:
[anti-GSDME / DFNA5 antibody;](#)
[anti-Caspase 3 antibody;](#)
[anti-HMGB1 antibody;](#)
[HMGB1 ELISA Kits;](#)
[HMGB1 Duos / Panels;](#)
[HMGB1 recombinant proteins;](#)



ARG42602 anti-GSDME / DFNA5 antibody WB image

Western blot: HeLa cell lysate stained with ARG42602 anti-GSDME / DFNA5 antibody at 1:500 dilution.



ARG54938 anti-Caspase 3 antibody IHC-Fr image

Immunohistochemistry: Frozen Mouse brain stained with ARG54938 anti-Caspase 3 antibody.

From Sabu A et al. Mater Today Bio. (2024), [doi: 10.1016/j.mtbio.2024.101213](https://doi.org/10.1016/j.mtbio.2024.101213), Fig. 7. C.



ARG54938 anti-Caspase 3 antibody WB image

Western blot: Human hepatic stellate cell stained with ARG54938 anti-Caspase 3 antibody.

From DAI Linyu et al. Journal of Third Military Medical University (2021), [doi: 10-16016-j-1000-5404-202012010](https://doi.org/10-16016-j-1000-5404-202012010), Fig. 4.



ARG54938 anti-Caspase 3 antibody WB image

Western blot: Rat amygdala stained with ARG54938 anti-Caspase 3 antibody.

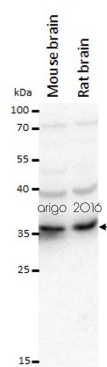
From Li Z et al. Behav Brain Res- (2020), [doi: 10.1016/j.bbr.2020.112735](https://doi.org/10.1016/j.bbr.2020.112735), Fig. 8. D.



ARG54938 anti-Caspase 3 antibody WB image

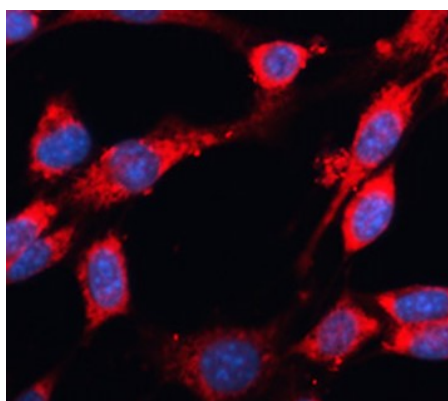
Western blot: B16 stained with ARG54938 anti-Caspase 3 antibody.

From Wang X et al. Oncology Letters- (2018), [doi: 10.3892/ol.2018.8023](https://doi.org/10.3892/ol.2018.8023), Fig. 7.



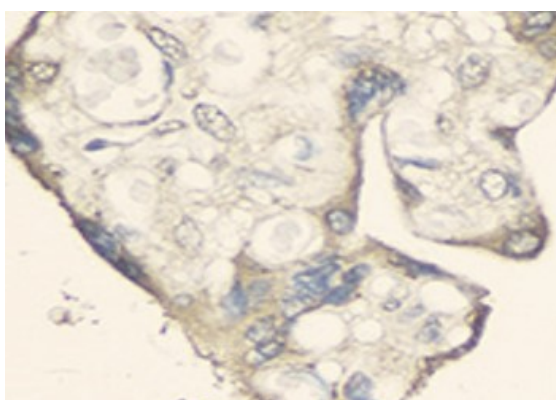
ARG54938 anti-Caspase 3 antibody WB image

Western blot: 20 µg of Mouse brain and Rat brain lysates stained with ARG54938 anti-Caspase 3 antibody at 1:250 dilution.



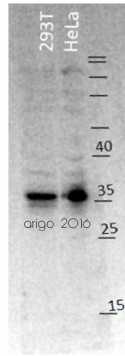
ARG54938 anti-Caspase 3 antibody ICC/IF image

Immunofluorescence: NIH/3T3 cells stained with ARG54938 anti-Caspase 3 antibody at 1:100 dilution. Blue: DAPI for nuclear staining.



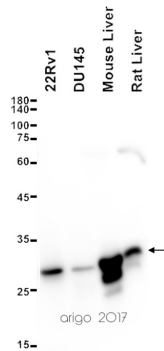
ARG54938 anti-Caspase 3 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human placenta stained with ARG54938 anti-Caspase 3 antibody at 1:100 dilution.



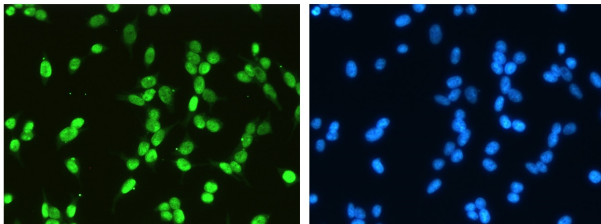
ARG54938 anti-Caspase 3 antibody WB image

Western blot: 20 μ g of 293T, and HeLa cell lysates stained with ARG54938 anti-Caspase 3 antibody at 1:500 dilution.



ARG65863 anti-HMGB1 antibody [SQab1711] WB image

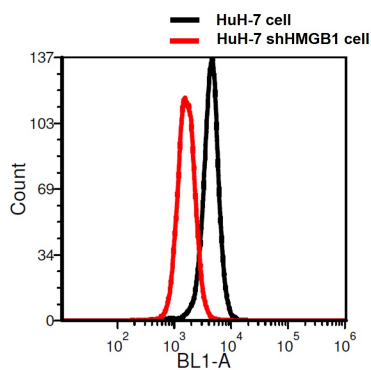
Western blot: 20 μ g of 22Rv1, DU145, Mouse liver and Rat liver lysates stained with ARG65863 anti-HMGB1 antibody [SQab1711] at 1:5000 dilution.



293T cells

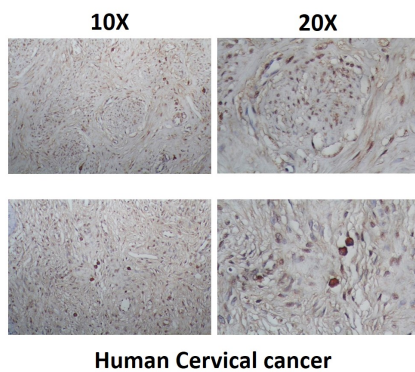
ARG65863 anti-HMGB1 antibody [SQab1711] ICC/IF image

Immunofluorescence: 293T cells stained with ARG65863 anti-HMGB1 antibody [SQab1711] at 5 μ g/ml dilution.



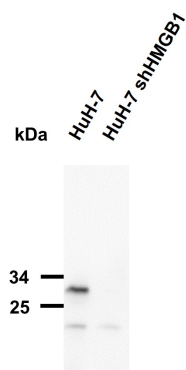
ARG65863 anti-HMGB1 antibody [SQab1711] FACS image

Flow Cytometry: HuH-7 cell and HuH-7 shHMGB1 cell stained with ARG65863 anti-HMGB1 antibody [SQab1711] at 1 μ g/ml dilution.



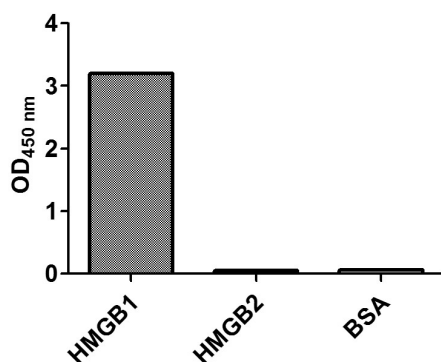
ARG65863 anti-HMGB1 antibody [SQab1711] IHC-P image

Immunohistochemistry: Paraffin-embedded Human cervical cancer stained with ARG65863 anti-HMGB1 antibody [SQab1711] at 10 µg/ml dilution.



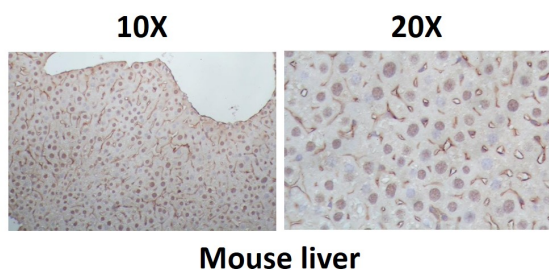
ARG65863 anti-HMGB1 antibody [SQab1711] WB image

Western blot: 50 µg of 1) HuH-7 and 2) HuH-7 shHMGB1 cell lysates stained with ARG65863 anti-HMGB1 antibody [SQab1711] at 1:5000 dilution.



ARG65863 anti-HMGB1 antibody [SQab1711] ELISA image

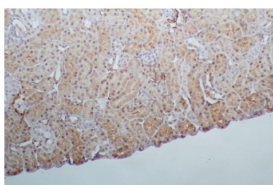
ELISA: ARG65863 anti-HMGB1 antibody [SQab1711] at 1:5000 were used for detecting HMGB1. 5 µg/ml of HMGB1, HMGB2 and BSA proteins were coated onto ELISA plate.



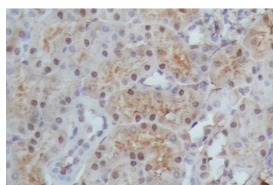
ARG65863 anti-HMGB1 antibody [SQab1711] IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse liver stained with ARG65863 anti-HMGB1 antibody [SQab1711] at 10 µg/ml dilution.

10X



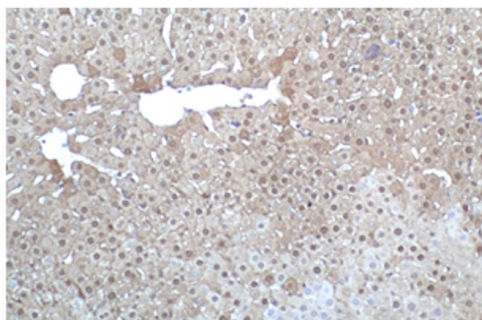
20X



Mouse kidney

ARG65863 anti-HMGB1 antibody [SQab1711] IHC-P image

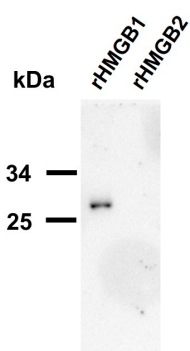
Immunohistochemistry: Paraffin-embedded Mouse kidney stained with ARG65863 anti-HMGB1 antibody [SQab1711] at 10 µg/ml dilution.



Rat Liver

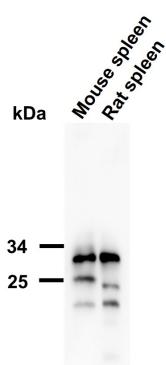
ARG65863 anti-HMGB1 antibody [SQab1711] IHC-P image

Immunohistochemistry: Paraffin-embedded Rat liver stained with ARG65863 anti-HMGB1 antibody [SQab1711] at 10 µg/ml dilution.



ARG65863 anti-HMGB1 antibody [SQab1711] WB image

Western blot: 1) 50 ng of HMGB1 (Purified from E. coli) and 2) 100 ng of HMGB2 (Purified from E.coli) stained with ARG65863 anti-HMGB1 antibody [SQab1711] at 1:5000 dilution.



ARG65863 anti-HMGB1 antibody [SQab1711] WB image

Western blot: 20 µg of 1) Mouse spleen and 2) Rat spleen lysates stained with ARG65863 anti-HMGB1 antibody [SQab1711] at 1:5000 dilution.