

Product Datasheet

MICA Antibody (Center) (orb1928388)

Description	Affinity Purified Rabbit Polyclonal Antibody (Pab)
Species/Host	Rabbit
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	FC, IF, IHC-P, WB
Target	This MICA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 68-97 amino acids from the Central region of human MICA.
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
Note	For research use only
Isotype	Rabbit IgG
Clonality	Polyclonal
Clone Number	RB21777
MW	42915 Da
Uniprot ID	Q29983
NCBI	NP_000238.1
Dilution Range	IF: 1:25, IF: 1:25, WB: 1:2000, WB: 1:2000, WB: 1:2000, WB: 1:2000, WB: 1:1000

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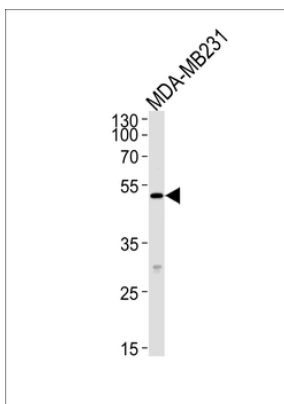
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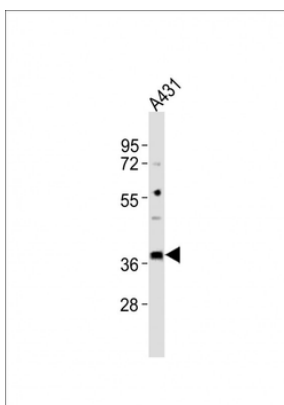
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Expiration Date

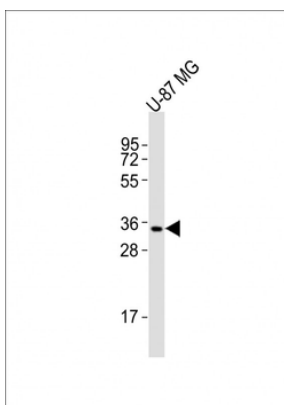
12 months from date of receipt.



MICA Antibody (Center) western blot analysis in MDA-MB-231 cell line lysates (35 ug/lane). This demonstrates the MICA antibody detected the MICA protein (arrow).



Anti-MICA Antibody (Center) at 1:2000 dilution + A431 whole cell lysates. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 43 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



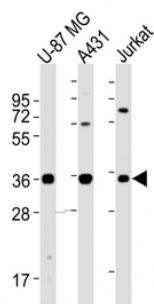
Anti-MICA Antibody (Center) at 1:2000 dilution + U-87 MG whole cell lysates. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 43 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

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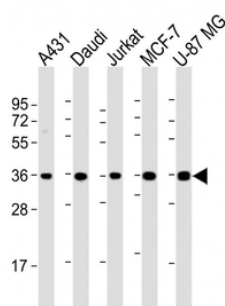
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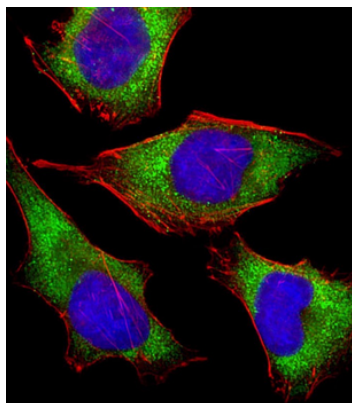
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All lanes: Anti-MICA Antibody (Center) at 1:2000 dilution. Lane 1: U-87 MG whole cell lysates. Lane 2: A431 whole cell lysates. Lane 3: Jurkat whole cell lysates. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 43 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



All lanes: Anti-MICA Antibody (Center) at 1:2000 dilution. Lane 1: A431 whole cell lysate. Lane 2: Daudi whole cell lysate. Lane 3: Jurkat whole cell lysate. Lane 4: MCF-7 whole cell lysate. Lane 5: U-87 MG whole cell lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 43 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



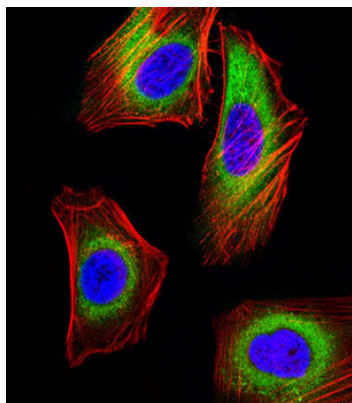
Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized Hela (Human Cervical epithelial adenocarcinoma cell line) cells labeling MICA at 1/25 dilution, followed by Dylight 488-conjugated goat anti-rabbit IgG secondary antibody at 1/200 dilution (green). Immunofluorescence image showing cytoplasm staining on Hela cell line. Cytoplasmic actin is detected with Dylight 554 Phalloidin at 1/100 dilution (red). The nuclear counter stain is DAPI (blue).

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Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized HeLa (Human Cervical epithelial adenocarcinoma cell line) cells labeling MICA at 1/25 dilution, followed by Dylight 488-conjugated goat anti-rabbit IgG secondary antibody at 1/200 dilution (green).

Immunofluorescence image showing cytoplasm staining on HeLa cell line. Cytoplasmic actin is detected with Dylight 554 Phalloidin at 1/100 dilution (red). The nuclear counter stain is DAPI (blue).

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