

Product Datasheet

Anterior Gradient 2 (AGR2) Antibody (N-term) (orb1930127)

Catalog Number	orb1930127
Category	Antibodies
Description	Anterior Gradient 2 (AGR2) Antibody (N-term)
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
UniProt ID	O95994
MW	19979 Da
Tested applications	IF, IHC-P, WB
Dilution range	WB - 1:1000, IF - 1:10-50, IHC-P - 1:100-500
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

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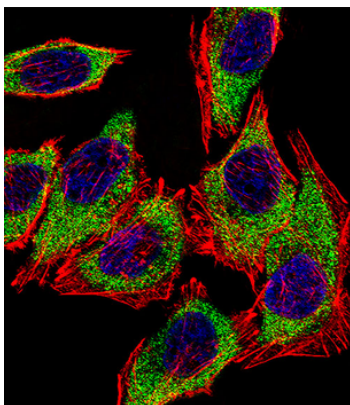
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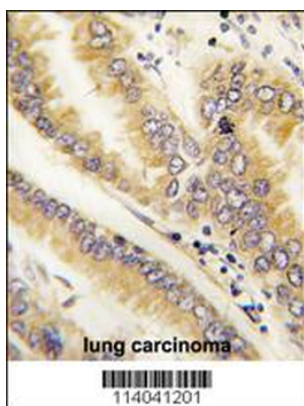
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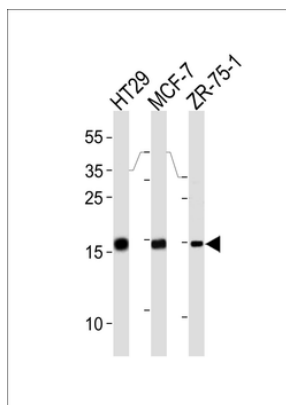
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Fluorescent confocal image of A549 cell stained with AGR2 Antibody (N-term). A549 cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with AGR2 primary antibody (1:25, 1 h at 37°C). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37°C). Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (7 units/ml, 1 h at 37°C). Nuclei were counterstained with DAPI (blue) (10 µg/ml, 10 min). AGR2 immunoreactivity is localized to cytoplasm significantly.



Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with AGR2 antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



AGR2 Antibody (N-term) western blot analysis in HT29, MCF-7, ZR-75-1 cell line lysates (35 µg/lane). This demonstrates the AGR2 antibody detected the AGR2 protein (arrow).

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