

Product Datasheet

CD274 Rabbit Polyclonal Antibody (orb705620)

Catalog Number	orb705620
Category	Antibodies
Description	The CD274 Antibody is suitable for IF, IHC, WB. It is a Polyclonal, Unconjugated antibody which raised against Recombinant fusion protein of human CD274. The exact sequence is proprietary. Purification: The antibody was purified by immunogen affinity chromatography.
Target	CD274
Clonality	Polyclonal
Species/Host	Rabbit
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Form/Appearance	Liquid
Buffer/Preservatives	0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Purification	The antibody was purified by immunogen affinity chromatography.
Immunogen	Recombinant fusion protein of human CD274. The exact sequence is proprietary.
UniProt ID	Q9EP73, Q9NZQ7
Tested applications	IF, IHC, WB
Dilution range	WB: 1:500-1:1000, IHC-P: 1:100-1:500
Specificity	Recognizes endogenous levels of CD274 protein.

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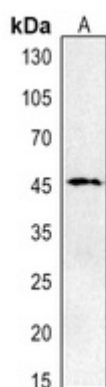
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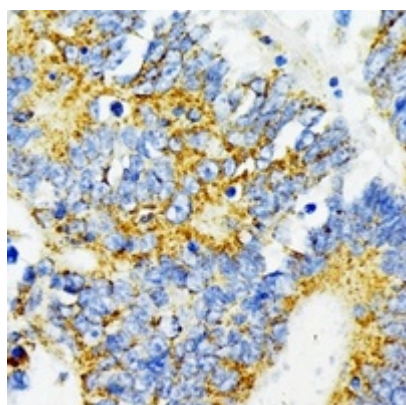
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Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Entrez	29126, 60533
Expiration Date	12 months from date of receipt.



Western blot analysis of CD274 expression in A549 (A) whole cell lysates. (Predicted band size: 20; 33 kD; Observed band size: 40-50 kD)



Immunohistochemical analysis of CD274 staining in human colon cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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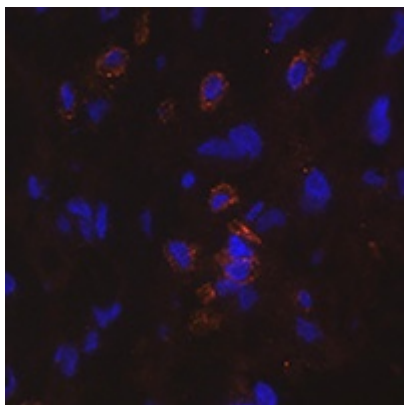
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Immunofluorescent analysis of CD274 staining in human breast cancer. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

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