

## Product Datasheet

# Cosibelimab Human Monoclonal Antibody (orb2978302)

<b>Catalog Number</b>	orb2978302
<b>Category</b>	Antibodies
<b>Description</b>	Cosibelimab is a research-grade recombinant antibody targeting CD1. Produced in mammalian cells with native-like glycosylation. Highlights Research Grade: For PK/PD studies, assay development, and ADA research. Native Glycosylation: Mammalian expression ensures native-like patterns.
<b>Clonality</b>	Monoclonal
<b>Species/Host</b>	Human
<b>Isotype</b>	IgG1-lambda
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Form/Appearance</b>	Liquid
<b>Concentration</b>	Lot dependent
<b>Buffer/Preservatives</b>	0.01M PBS, pH 7.4.
<b>Purity</b>	>95% purity as determined by SDS-PAGE.
<b>Purification</b>	Protein A/G purified from cell culture supernatant.
<b>UniProt ID</b>	<b>Q9NZQ7</b>
<b>Tested applications</b>	ELISA, FA, FACS, In vivo

**Biorbyt Ltd.**

7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

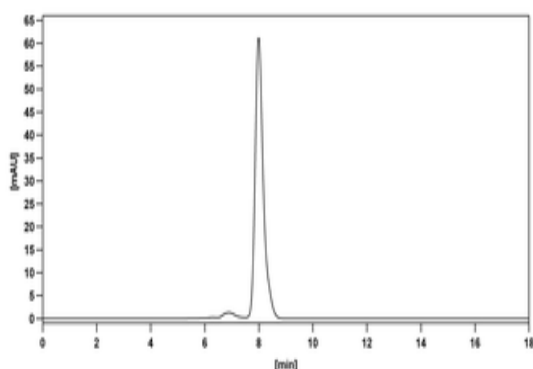
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68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713  
United States

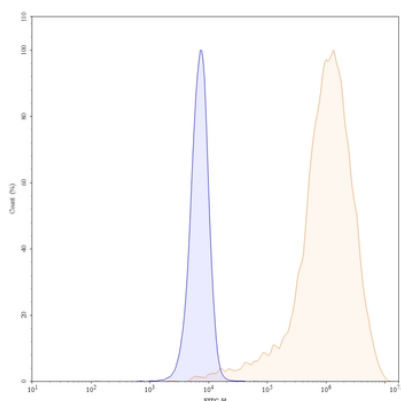
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<b>Antibody Type</b>	Biosimilar Antibody
<b>Expression System</b>	Mammalian Cells
<b>Endotoxins</b>	Please contact with the lab for this information.
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



Detects CD274/PD-L1/B7-H1 in indirect ELISAs.



Flow-cytometry using anti-human CD274 antibody. Untransfected cells (blue Histogram) and Transfected cells (Yellow Histogram) were stained with an anti-human CD274 monoclonal antibody (Catalog: orb2978302) at a concentration of 5 µg/mL for 30 mins at RT. After washing, bound antibody was detected using a Goat Anti-Human IgG H&L Polyclonal Antibody, FITC and cells analysed on a NovoCyte Flow Cytometer.

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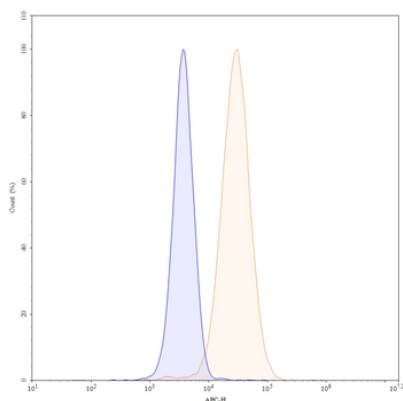
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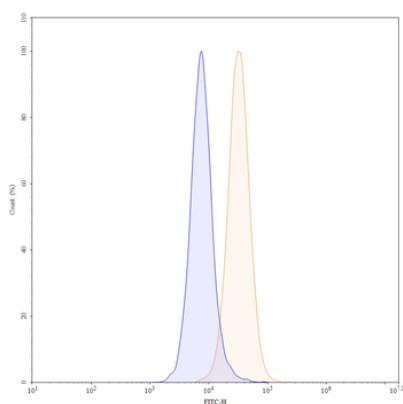
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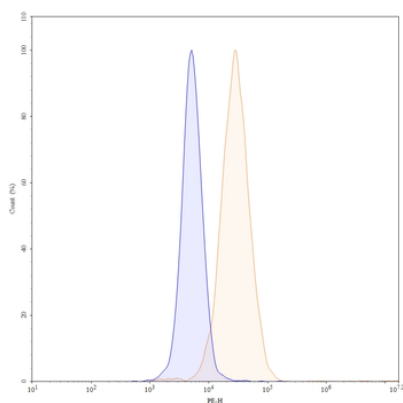
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Flow-cytometry using APC anti-human CD274 antibody. MDA-MB-231 cells were stained with an irrelevant antibody (Blue Histogram) or an APC anti-human CD274 monoclonal antibody (Catalog: orb2978302, Yellow Histogram) at a concentration of 5 µg/ml for 30 mins at RT. After washing, cells analysed on a NovoCyte Flow Cytometer.



Flow-cytometry using FITC anti-human CD274 antibody. MDA-MB-231 cells were stained with an irrelevant antibody (Blue Histogram) or an FITC anti-human CD274 monoclonal antibody (Catalog: orb2978302, Yellow Histogram) at a concentration of 5 µg/ml for 30 mins at RT. After washing, cells analysed on a NovoCyte Flow Cytometer.



Flow-cytometry using PE anti-human CD274 antibody. MDA-MB-231 cells were stained with an irrelevant antibody (Blue Histogram) or an PE anti-human CD274 monoclonal antibody (Catalog: orb2978302, Yellow Histogram) at a concentration of 5 µg/ml for 30 mins at RT. After washing, cells analysed on a NovoCyte Flow Cytometer.

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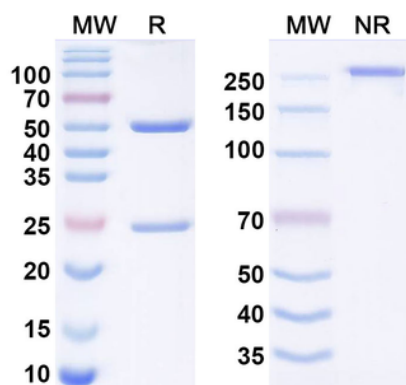
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SDS-PAGE for Research Grade Cosibelimab.

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