Product Datasheet

Durvalumab Human Monoclonal Antibody (orb2977928)

Catalog Number	orb2977928
Category	Antibodies
Description	Durvalumabis 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.
Clonality	Monoclonal
Species/Host	Human
Isotype	IgG1-kappa
Conjugation	Unconjugated
Reactivity	Human
Form/Appearance	Liquid
Concentration	Lot dependent
Buffer/Preservatives	0.01M PBS, pH 7.4.
Purity	>95% purity as determined by SDS-PAGE.
Purification	Protein A/G purified from cell culture supernatant.
UniProt ID	**Q9NZQ7**
Tested applications	ELISA, FA, FACS, In vivo

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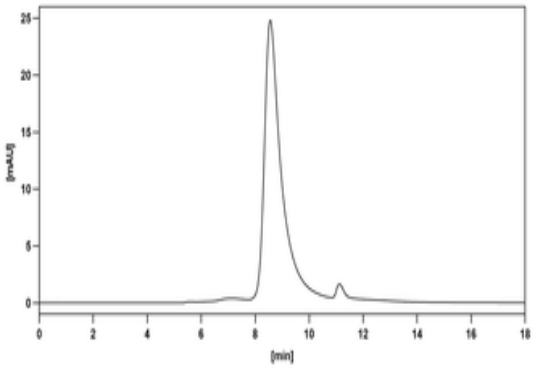
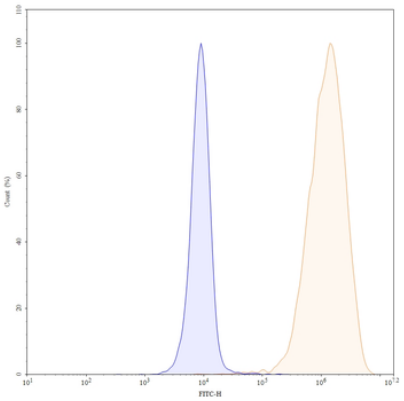
Antibody Type	Biosimilar Antibody
Expression System	Mammalian Cells
Endotoxins	Please contact with the lab for this information.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration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



Detects Human 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 orb2977079) 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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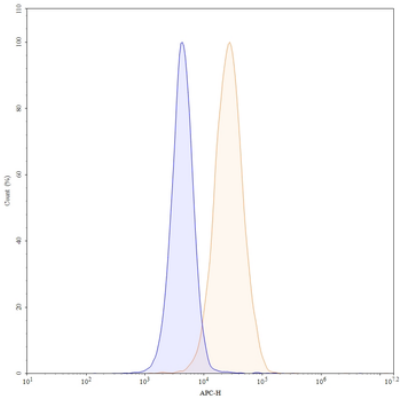
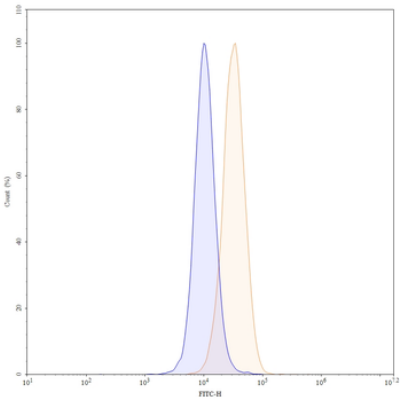
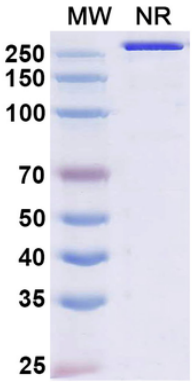


Flow-cytometry using APC anti-human CD274 antibody. MDA-MB-231 cells were stained with an irrelevant antibody (Blue Histogram) or an APC anti-human CD274 monoclonal antibody (Catalog: orb2977928, Yellow Histogram) at a concentration of 5 µg/ml for 30 mins at RT. After washing, cells analysed on a NovoCyte 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: orb2977928, Yellow Histogram) at a concentration of 5 µg/ml for 30 mins at RT. After washing, cells analysed on a NovoCyte Flow Cytometer.



SDS-PAGE for Research Grade Durvalumab.

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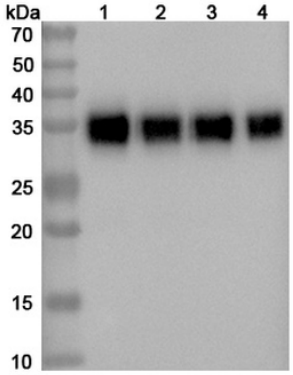

Western blot analysis was performed using anti-CD5 monoclonal antibody at 1 µg/mL on various samples. Lane 1: recombinant human CD5 (Catalog No: orb2969480), 50 ng, Lane 2: recombinant human CD5 (Catalog No: orb2969480), 30 ng, Lane 3: recombinant human CD5 (Catalog No: orb2969480), 20 ng, Lane 4: recombinant human CD5 (Catalog No: orb2969480), 10 ng.

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