

Product Datasheet

Amivantamab Biosimilar Antibody, Research Grade (EGFR/c-Met) (orb2977888)

Catalog Number	orb2977888
Category	Antibodies
Description	Amivantamab Biosimilar Antibody, Research Grade (EGFR/c-Met) is an unconjugated monoclonal antibody. It shows reactivity with Human samples. It is suitable for use in ELISA, FA, FACS, In vivo applications. The antibody is supplied in liquid form. It is Protein A/G purified from cell culture supernatant. Purity is >95% purity as determined by SDS-PAGE.
Target	HER1, Receptor tyrosine-protein kinase erbB-1, Proto-oncogene c-ErbB-1, Epidermal growth factor receptor, EGFR, ERBB1, ERBB, Tyrosine-protein kinase Met, Hepatocyte growth factor receptor, Proto-oncogene c-Met, Scatter factor receptor, HGF receptor, SF receptor, HGF/SF receptor, MET
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.

Biorbyt Ltd.

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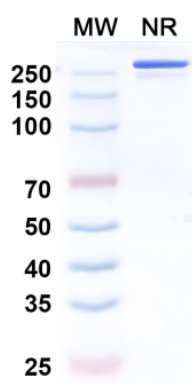
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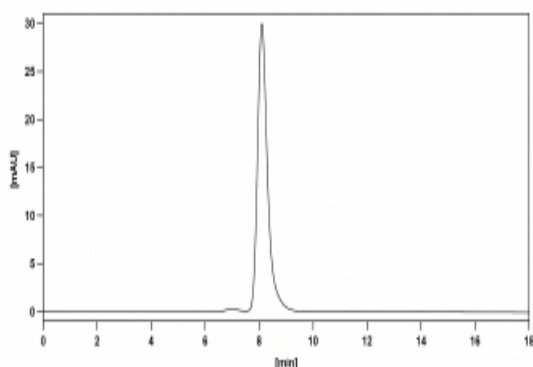
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Purification	Protein A/G purified from cell culture supernatant.
Tested applications	ELISA, FA, FACS, In vivo
Antibody Type	Biosimilar Antibody
Expression System	Mammalian Cells
Endotoxins	Please contact the lab for this information.
Storage	Maintain 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.



SDS-PAGE for Research Grade Amivantamab.



SEC-HPLC detection for Research Grade Amivantamab.

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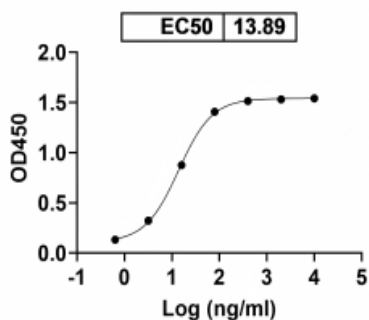
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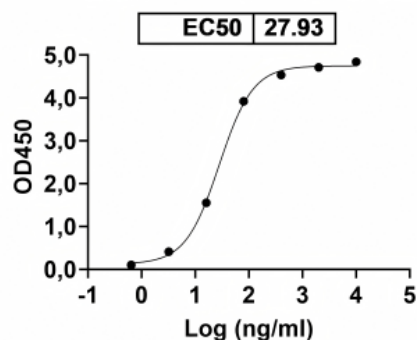
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Amivantamab binds with EGFR

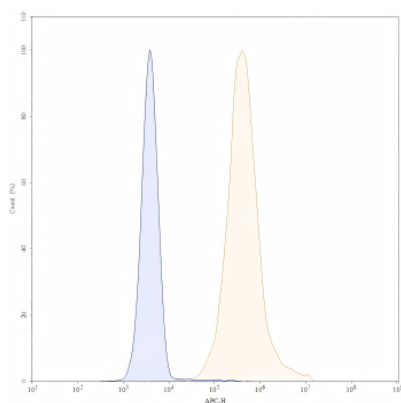


Detects EGFR/ERBB1/HER1 in indirect ELISAs.

Amivantamab binds with Met



Detects recombinant human Met (Cat No.: orb2965006) in indirect ELISA.



Flow-cytometry using APC anti-human EGFR antibody. A431 cells were stained with an irrelevant antibody (Blue Histogram) or an APC anti-human EGFR monoclonal antibody (Catalog: orb2977888, Yellow Histogram) at a concentration of 5 µg/ml for 30 mins at RT. After washing, and cells analysed on a NovoCyt Flow Cytometer.

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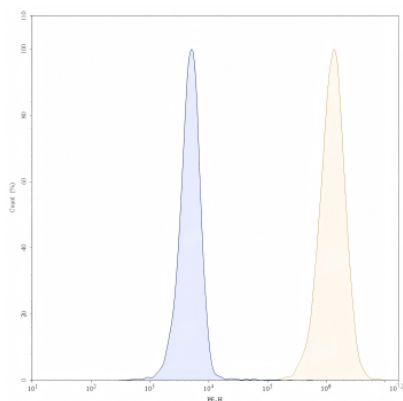
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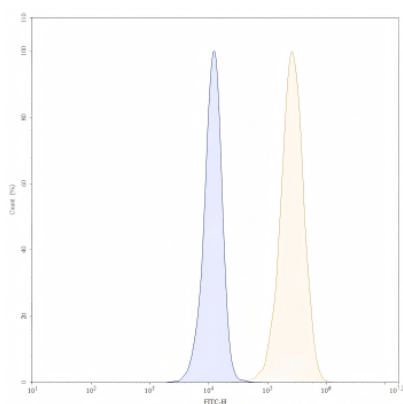
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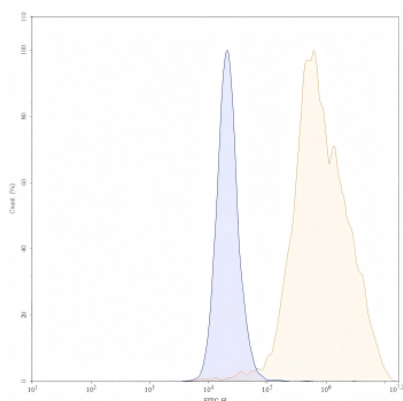
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Flow-cytometry using PE anti-human EGFR antibody. A431 cells were stained with an irrelevant antibody (Blue Histogram) or an PE anti-human EGFR monoclonal antibody (Catalog: orb2977888, Yellow Histogram) at a concentration of 5 µg/ml for 30 mins at RT. After washing, and cells analysed on a NovoCyt Flow Cytometer.



Flow-cytometry using FITC anti-human EGFR antibody. A431 cells were stained with an irrelevant antibody (Blue Histogram) or an FITC anti-human EGFR monoclonal antibody (Catalog: orb2977888, Yellow Histogram) at a concentration of 5 µg/ml for 30 mins at RT. After washing, and cells analysed on a NovoCyt Flow Cytometer.



Flow-cytometry using anti-human EGFR antibody. Untransfected cells (blue Histogram) and Transfected cells (Yellow Histogram) were stained with an anti-human EGFR monoclonal antibody (Catalog: orb2977888) 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 NovoCyt Flow Cytometer.

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