

## Product Datasheet

### NKG2D Biosimilar Antibody (orb1173660)

<b>Catalog Number</b>	orb1173660
<b>Category</b>	Antibodies
<b>Description</b>	Anti-NKG2D (tesnatilimab biosimilar) mAb
<b>Target</b>	NKG2D
<b>Clonality</b>	Monoclonal
<b>Species/Host</b>	Human
<b>Isotype</b>	Human IgG4 - Kappa
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Form/Appearance</b>	Powder
<b>Reconstitution</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
<b>Purification</b>	Purified from cell culture supernatant by affinity chromatography
<b>UniProt ID</b>	<b>P26718</b>
<b>Tested applications</b>	ELISA, FC
<b>Dilution range</b>	ELISA 1:5000-10000; Flow Cyt 1:100
<b>Antibody Type</b>	Biosimilar Antibody

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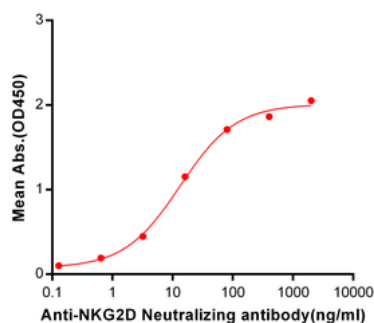
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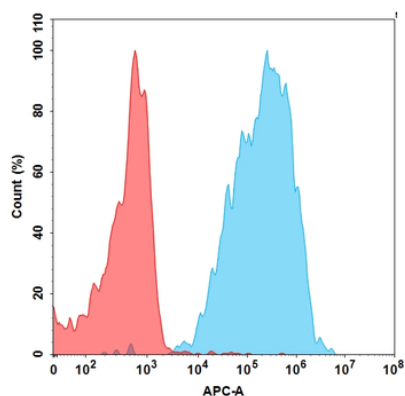
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<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

**Anti-NKG2D (tesnatilimab biosimilar) mAb ELISA**  
0.2 µg of Human NKG2D, mFc Tagged protein per well



ELISA plate pre-coated by 2 µg/ml (100 µL/well) Human NKG2D, mFc tagged protein orb689424 can bind Anti-NKG2D Neutralizing antibody (orb1173660) in a linear range of 0.64-400 ng/ml.



Flow cytometry analysis with 15 µg/mL Anti-NKG2D (tesnatilimab) mAb (orb1173660) on Expi293 cells transfected with Human NKG2D protein and Human DAP10 protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

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