

## Product Datasheet

# Alomfilimab Biosimilar (ICOS / CD278 Reference Antibody) (orb2703802)

<b>Catalog Number</b>	orb2703802
<b>Category</b>	Antibodies
<b>Description</b>	Alomfilimab(KY-1044; SAR 445256) is a fully human IgG1 antibody targeting inducible costimulatory receptor (ICOS). KY-1044 depletes ICOS <sup>high</sup> cells via antibody-dependent cellular cytotoxicity (ADCC) through the engagement of FcγR11a. KY-1044 act as a costimulatory molecule on cells expressing lower ICOS levels, such as CD8 <sup>+</sup> T <sub>Eff</sub> cells (through FcγR-dependent clustering). KY-1044 exploit the differential expression of ICOS on T-cell subtypes to improve the intratumoral immune contexture and restore an antitumor immune response.
<b>Target</b>	Alomfilimab Biosimilar [Anti-ICOS / CD278 Reference Antibody]
<b>Clonality</b>	Monoclonal
<b>Conjugation</b>	Unconjugated
<b>Purity</b>	>98%
<b>Antibody Type</b>	Biosimilar Antibody
<b>CAS Number</b>	2489390-15-8
<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.

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