

Mouse anti-Human Omburtamab Monoclonal Antibody | anti-CD276 antibody

Research Grade Omburtamab

CATALOG # AAA120120	HOST Mouse	REACTIVITY Human
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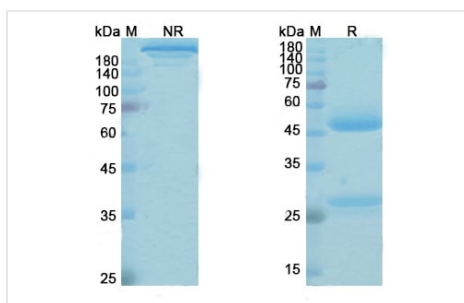
PRODUCT SYNONYMS

Omburtamab; Monoclonal Antibody; Research Grade Omburtamab; 8H9; Mab 8H9; CD276; B7-H3; Costimulatory molecule; B7H3; 4Ig-B7-H3; B7 homolog 3; CD276 antigen; anti-CD276 antibody

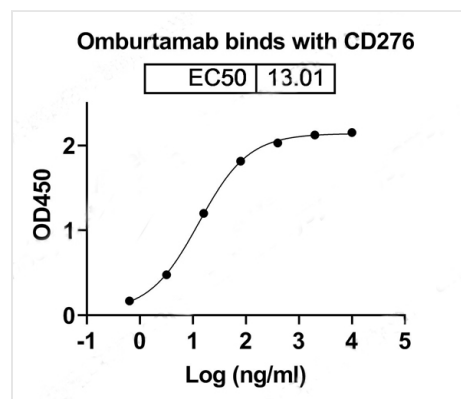
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1-kappa
Purity/Purification	>95%; Protein A or G purified from cell culture supernatant.
Form/Format	Liquid. PBS buffer, pH7.4
Concentration	1mg/ml (varies by lot)
CAS	1895083-75-6
Preparation and Storage	Store at +4 degree C short term (1-2 weeks). Store at -20 degree C 12 months. Store at -80 degree C long term. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

IMAGES



SDS-PAGE
SDS PAGE for Omburtamab



Bioactivity
Detects Human CD276 in direct ELISAs.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CD276 antibody	Research Biosimilar
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References	B7H3-Directed Intraperitoneal Radioimmunotherapy With Radioiodinated Omburtamab for Desmoplastic Small Round Cell Tumor and Other Peritoneal Tumors: Results of a Phase I Study, PMID: 33119478 Antibodies to watch in 2019, PMID: 30516432 Future of Theranostics: An Outlook on Precision Oncology in Nuclear Medicine, PMID: 31481583 IntraOmmaya compartmental radioimmunotherapy using 131 I-omburtamab-pharmacokinetic modeling to optimize therapeutic index, PMID: 33047248 Biodistribution and Dosimetry of Intraventricularly Administered 124 I-Omburtamab in Patients with Metastatic Leptomeningeal Tumors, PMID: 31405921
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NCBI AND UNIPROT INFORMATION

NCBI GI #	52694705
NCBI GeneID	80381
UniProt Accession #	Q5ZPR3; Q6P5Y4; Q6UXI2; Q8NBI8; Q8NC34; Q8NCB6; Q9BXR1
Molecular Weight	57,235 Da
NCBI Official Full Name	B7-H3 protein
NCBI Official Synonym Full Names	CD276 molecule
NCBI Official Symbol	CD276
NCBI Official Synonym Symbols	B7H3; B7-H3; B7RP-2; 4Ig-B7-H3
NCBI Protein Information	CD276 antigen; B7 homolog 3; costimulatory molecule
UniProt Protein Name	CD276 antigen
UniProt Gene Name	CD276
UniProt Synonym Gene Names	B7H3; B7-H3
UniProt Entry Name	CD276_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.