

## CD276

### Research Grade Omburtamab

<b>Catalog No.</b>	DHJ04002A DHJ04002B	<b>Quantity:</b>	100 µg 1.0 mg
<b>Alternate Names:</b>	8H9, Mab 8H9, CAS: 1895083-75-6		
<b>Description:</b>	Omburtamab is derived from the murine monoclonal Mab 8H9 developed from mice immunized with human neuroblastoma. Clone 8H9 has a high affinity for B7H3 (CD276), a tumor-associated surface immunomodulatory glycoprotein and was shown to bind the FG loop of B7-H3. B7-H3 is widely expressed among solid tumors and is strongly correlated with recurrence, metastasis, and death. Omburtamab was under investigation for the treatment of metastatic brain cancer, now under clinical development for other cancer immunotherapies.		
<b>UniProt ID (target):</b>	Q5ZPR3		
<b>Target:</b>	Human CD276 antigen (B7-H3)		
<b>Concentration:</b>	1.0 mg/ml, lot specific		
<b>Source:</b>	XtenCHO		
<b>Isotype:</b>	Mouse IgG1 kappa		
<b>Formulation:</b>	0.01M PBS buffer, pH 7.4		
<b>Purity:</b>	> 95% by SDS-PAGE		
<b>Endotoxin Level:</b>	≤ 0.01 EU/µg by LAL analysis		
<b>Purification:</b>	Protein A/G affinity chromatography		
<b>Biological Activity:</b>	EC <sub>50</sub> = 13.01, binding with CD276 by direct ELISA		
<b>Applications:</b>	FCM, Functional studies		
<b>Storage &amp; Stability:</b>	Store at 2-8°C for up to 1 week, or in working aliquots at -20°C to -80°C for up to 1 year. <b>Avoid freeze/thaw cycles.</b>		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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