

Catalog	Unit
TBS10383-0.5MG	0.5 mg
TBS10383-1MG	1 mg
TBS10383-5MG	5 mg

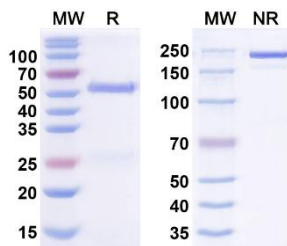
**Description**

Tribioscience in vivo Anti-Human CSPG4/HMW-MAA/MCSP/NG2 Antibody is a mouse monoclonal antibody (IgG2a, κ) specifically designed to target chondroitin sulfate proteoglycan 4 (CSPG4), also known as NG2, MCSP, or melanoma-associated chondroitin sulfate proteoglycan. This versatile antibody is validated for a range of applications including cell depletion, ELISA, flow cytometry (FCM), immunofluorescence (IF), and immunohistochemistry (IHC), making it a valuable tool for in-vivo studies. Ideal for research into melanoma biology, tumor progression, and CSPG4-expressing cell populations, this antibody provides high specificity and reproducibility for detection, quantification, and functional studies of CSPG4.

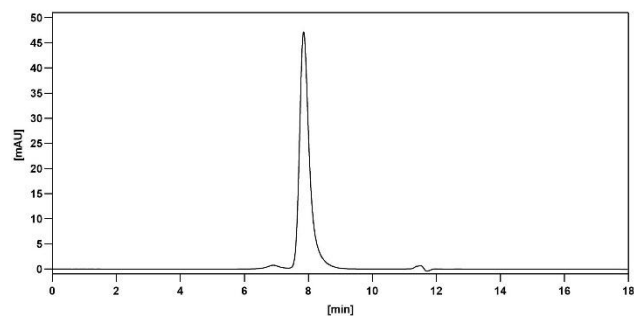
**Product Details**

<b>Applications:</b>	Cell Deplete, ELISA, FCM, IF, IHC.
<b>Species reactivity:</b>	Human
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG2a, kappa
<b>Target:</b>	Chondroitin sulfate proteoglycan 4, CSPG4, Chondroitin sulfate proteoglycan NG2, MCSP, Melanoma chondroitin sulfate proteoglycan, Melanoma-associated chondroitin sulfate proteoglycan.
<b>Uniprot:</b>	Q6UVK1
<b>Concentration:</b>	3 mg/ml
<b>Purity:</b>	>95%
<b>Formulation:</b>	Liquid
<b>Storage buffer:</b>	0.01M PBS, pH 7.4.
<b>Purification:</b>	Protein A/G purified from cell culture supernatant.
<b>Clonality:</b>	Monoclonal
<b>Storage:</b>	Store -20°C up to 12 months, and -80°C for long term. Avoid repeated freeze-thaw cycles.

**Data Image**



**Fig. 1. SDS-PAGE for InVivoMAb Anti-Human CSPG4/HMW-MAA/MCSP/NG2 Antibody**  
 MW: Molecular Weight (kDa) Marker.  
 R: Reducing conditions.  
 NR: Non-Reducing conditions.



**Fig. 2. SEC-HPLC detection for InVivo Anti-Human CSPG4/HMW-MAA/MCSP/NG2 Antibody**

**For research use only.**