

Product datasheet for **CF500310**

Prominin 2 (PROM2) Mouse Monoclonal Antibody [Clone ID: OTI5E5]

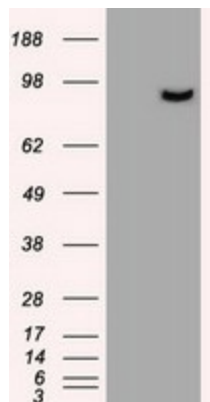
Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI5E5
Applications:	IF, IP, WB
Recommended Dilution:	WB 1:2000, IP: 4ug/mL
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Full-length protein expressed in 293T cell transfected with human PROM2 expression vector
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	91.8 kDa
Gene Name:	prominin 2
Database Link:	NP_653308 Entrez Gene 150696 Human Q8N271
Synonyms:	PROML2
Protein Families:	Transmembrane

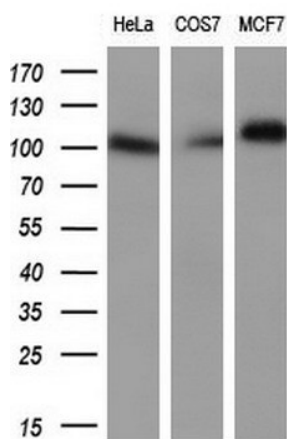


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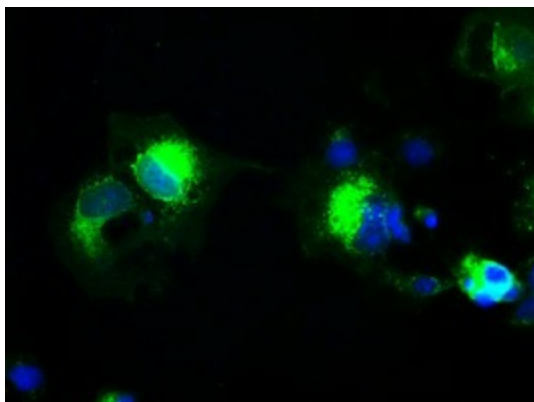
Product images:



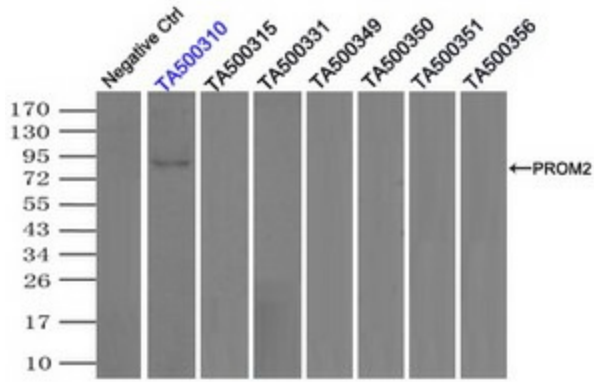
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PROM2 ([RC211605], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PROM2. Positive lysates [LY403405] (100ug) and [LC403405] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (10ug) from 3 different cell lines by using anti-PROM2 monoclonal antibody (1:200).



Anti-PROM2 mouse monoclonal antibody ([TA500310]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY PROM2 ([RC211605]).



Immunoprecipitation (IP) of PROM2 by using TrueMab monoclonal anti-PROM2 antibodies (Negative control: IP without adding anti-PROM2 antibody.). For each experiment, 500ul of DDK tagged PROM2 overexpression lysates (at 1:5 dilution with HEK293T lysate), 2ug of anti-PROM2 antibody and 20ul (0.1mg) of goat anti-mouse conjugated magnetic beads were mixed and incubated overnight. After extensive wash to remove any non-specific binding, the immunoprecipitated products were analyzed with rabbit anti-DDK polyclonal antibody.