



## Prominin 2

## Data Sheet

<b>Catalog Number:</b>	MO15051	<b>Host:</b>	Mouse
<b>Product Type:</b>	Protein G purified IgG <sub>2B</sub>	<b>Species</b>	Human
<b>Immunogen</b>	Human Prominin 2-transfected NS0 mouse myeloma cells	<b>Reactivity:</b>	
<b>Sequence:</b>		<b>Format:</b>	Liquid 1mg/ml in PBS with 5% trehalose
<b>Applications:</b>	<b>Immunocytochemistry:</b> 5 µg/ml <b>Flow Cytometry:</b> 50 µg/ml Optimal dilutions must be determined by the end user		
<b>Storage:</b>	Antibody can also be aliquotted and stored frozen at -20° C to -70° C in a manual defrost freezer for six months without detectable loss of activity. The antibody can be stored at 2° - 8° C for 1 month without detectable loss of activity. <i>Avoid repeated freeze-thaw cycles.</i>		

### Application Notes

#### Specificity

This antibody was selected for its ability to detect human Prominin 2 on transfectants. It has also been tested on PC3 prostate adenocarcinoma cells for its flow cytometry and immunocytochemistry applications.

#### Flow Cytometry

Dilute this antibody to 50 µg/ml and add 10 µl of the diluted solution to 1 - 2.5 x 10<sup>5</sup> cells in a total reaction volume not exceeding 200 µl. The binding of unlabeled monoclonal antibodies may be visualized by adding 10 µl of a 25 µg/mL stock solution of a secondary developing reagent such as goat anti mouse IgG conjugated to a fluorochrome.

#### Immunocytochemistry

This antibody can be used with the appropriate secondary reagents at the concentration of 5µg/mL in 4% paraformaldehyde-fixed cells.