

## Shank 2

Cat.No. 162 211; Monoclonal mouse antibody, 100 µg purified IgG (lyophilized)

### Data Sheet

Reconstitution/ Storage	100 µg purified IgG, lyophilized. Azide was added before lyophilization. For reconstitution add 100 µl H <sub>2</sub> O to get a 1mg/ml solution in PBS. Then aliquot and store at -20°C until use.
Applications	<b>WB:</b> not recommended <b>IP:</b> not tested yet <b>ICC:</b> 1 : 500 <b>IHC:</b> 1 : 500 (see remarks) <b>IHC-P/FFPE:</b> not recommended
Clone	298F5
Subtype	IgG1 (κ light chain)
Immunogen	Recombinant protein corresponding to AA 1042 to 1475 from rat Shank2 (UniProt Id: Q9QX74)
Epitop	Epitop: AA 1042 to 1475 from rat Shank2 (UniProt Id: Q9QX74)
Reactivity	Reacts with: rat (Q9QX74). Other species not tested yet.
Specificity	Specific for Shank 2.
Remarks	<b>IHC:</b> Fix for 15 min with 4% PFA and 15% picric acid in PBS.

**TO BE USED IN VITRO / FOR RESEARCH ONLY**  
**NOT TOXIC, NOT HAZARDOUS, NOT INFECTIOUS, NOT CONTAGIOUS**

Shank 1, 2 and 3 are major proteins of the postsynaptic density (PSD). They are composed of several protein-protein interaction domains like PDZ-, homer- and ABP 1-binding domains which allow them to crosslink ionotropic and metabotropic glutamate receptor complexes with each other and to the actin-cytoskeleton.

### Selected General References

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