

# Musashi-1

# Data Sheet

<b>Catalog Number:</b>	MO15049	<b>Product Type:</b>	Mouse IgG
<b>Immunogen Sequence:</b>	Recombinant human Musashi-1 (a.a. 1-362)	<b>Format:</b>	Protein G Purified liquid
<b>Species Reactivity:</b>	Human		
<b>Applications:</b>	Immunocytochemistry Immunohistochemistry Western blotting ELISA	<b>Dilutions:</b>	ICC 10ug/ml IHC 10 ug/ml WB 1-2 ug/ml E 0.5-1.0 ug/ml
<b>Storage:</b>	Antibody can 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. Avoid repeated freeze-thaw cycles.		

## Immunohistochemistry

This antibody was used at a concentration of 10 ug/ml to detect human Musashi-1 in human fetal brain. Tissue sections were fixed with PBS containing 4% paraformaldehyde for 20 minutes at room temperature and blocked with PBS containing 10% normal donkey serum, 0.1% Triton X-100, and 1% BSA for 45 minutes at room temperature. After blocking, cells were incubated with diluted primary antibody overnight at 4 degrees C followed by Rhodamine Red-coupled anti-mouse IgG at room temperature in the dark for one hour. Between each step, cells were washed with PBS containing 0.1% BSA.

## Western Blot

This antibody can be used at 1 – 2 ug/ml with the appropriate secondary reagents to detect human Musashi-1. Using a colorimetric detection system, the detection limit for recombinant human Musashi-1 is approximately 25 ng/lane under non-reducing and reducing conditions.