

# Specification Sheet

## Monoclonal Antibody Against Human Asparagine Synthetase

<b>Code</b>	2AASA01
<b>Clone No.</b>	Hyb-Z5801
<b>Source</b>	Ascites obtained by fusing the N-terminus (2-51 a.a.) of human asparagine synthase with gp64 protein, presenting the protein on the surface of budded baculovirus, immunizing the baculovirus with gp64 transgenic mice, fusing spleen cells from the immunized mice with mouse myeloma cells (NS-1), and then inoculating nude mice with hybridoma obtained by the fusion
<b>Specificity</b>	This monoclonal antibody specifically reacts with human asparagine synthetase.
<b>Purification</b>	Ammonium sulfate precipitation
<b>Ig Class</b>	IgG <sub>2a</sub>
<b>Form</b>	Saline (containing 0.1% NaN <sub>3</sub> )
<b>Protein Concentration</b>	0.5 mg/mL
<b>Package</b>	0.2 mL
<b>Storage</b>	Below -20°C. Avoid repeated freeze/thaw cycles.
<b>Application</b>	Flow cytometry, Immunostaining, Western blotting, ELISA

**Reference** 1) Kusano-Arai O, et al: HYBRIDOMA **31**: 325-332, 2012.



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