

# Product Information Sheet for Monoclonal Antibodies



<b>Item Name</b>	<b>AFP Monoclonal Antibody, HP</b>	<b>Prod. Code:</b>	<b>1375-8215</b>
<b>Clone ID</b>	Purified	<b>Optional Description:</b>	Clone #1B6
<b>Source:</b>	Mouse Ascites		

**Specificity:** Specific for AFP Antigen, with no cross reactivity to Albumin. Western Blots against AFP at 70Kd.

	<b>Method Used:</b>	<b>Acceptable Result:</b>
<b>Product Concentration:</b>	OD280/1.4	2-5 mg/ml mg/ml

<b>Product Characterization:</b>		
% Purity:	SDS Page Gel	≥95% by PAGE

<b>Total Protein:</b>	OD280	2.8-7 OD Units
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**Buffer Matrix & pH:** PBS Buffer with 0.1% NaN<sub>3</sub>, pH =7.4±0.2

**Filtration:** 0.2u

**Optimum Storage Conditions:** Short term : 4°C Long term: -20°C

**Shelf Life:** TBD (stored at recommended long term temperature)

## Other Specifications:

**Immunogen:** AFP, HP

**Uses\*:** \*See Below

**Isotype:** IgG2a

**Fusion Partner:** FO

**Spleen Donor:** Balb/cj

**Purification Method:** Protein A

**Isoelectric Point:** 8.2

\*Uses: Immunoassay, reactive on western blot to both cell culture derived and human fluid derived antigens. (1375-2600 or 1375-1300)

**\*Use Statement:** -For use in research or remanufacture of non-injectable products not subject to license under PHS Act Sec. 351 only.