

## Mouse anti-CA72-4 Monoclonal Antibody

Cat. No. CAB047    Lot. No. (See product label)

### SPECIFICATION

<b>Species</b>	Human
<b>Source</b>	Mouse Ascites
<b>Specificity</b>	The CA72-4 is a tumor associated antigen with a molecular weight of >1000Kd. LS-174Tcarcinoma cells.
<b>Clone</b>	CC49(ML08C02)
<b>Host Animal</b>	Mouse. Hybridization of P3-X63-Ag8.653 .myeloma cells with spleen cells from Balb/c mice.
<b>Isotope</b>	IgG <sub>1</sub>
<b>Immunogen</b>	BALB/C mce were injected with membrane enriched fraction of a human LS-174T metastasis.
<b>Format</b>	Purified, Liquid
<b>Purification</b>	>90% pure (SDS-PAGE). Protein A chromatography.
<b>Concentration</b>	2mg/ml (0.7×OD280nm)
<b>Affinity Constant</b>	1 x 10 <sup>-10</sup> mol/l.

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<b>Buffer</b>	10mM Sodium Phosphate, 0.15M Sodium Chloride, pH 7.4
<b>Preservative</b>	none
<b>Applications</b>	Immunohistochemistry on frozen or paraffin sections. Each laboratory should determine an optimum working titer for use in its particular application. Recommended antibody pair for immunoassay: Capture Detection CAB047 DCABH-20088
<b>Storage</b>	Upon receipt, aliquot and store at <-40°C. Avoid multiple freeze/thaw cycles. If aliquoted for long term storage, fill volume should be equal to or greater than 50% of the nominal fill volume of the vial used.

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