

Active Native Human Cancer Antigen 72-4

Cat. No. CA 72-4-379H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Human CA 72-4 was purified from Human Metastatic Liver Carcinoma.
Species	Human
Source	Human Metastatic Liver Carcinoma
Description	Tumor-associated glycoprotein 72 (TAG-72) is a glycoprotein found on the surface of many cancer cells, including ovary, breast, colon, and pancreatic cells. It is a mucin-like molecule with a molar mass of over 1000 kDa. TAG-72 is a tumor marker and can be measured with radioimmunoassays like CA 72-4, which uses indium (111In) satumomab pendetide and iodine (125I) CC49 monoclonal antibody. This assay has a good specificity for gastric cancer, with a correlation to the neoplasia's extension. It is used to identify relapses of the disease and to follow up the treatment. TAG-72 is also the target of the anti-cancer drugs anatumomab mafenatox and minretumomab.
Form	Clear and colorless. Liquid in PBS buffer, sucrose, pH 7.4.
Bio-activity	>100 kU/mL
Purity	>90% (SDS-PAGE)
Storage	Store at -20°C, Avoid repeated freeze thaw cycles.
Preservative	0.05% Sodium Azide

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