ALPHA DIAGNOSTIC INTERNATIONAL

# Item Name Human SW480 lysate

## Cat# HCL-1221

**Size**: 100 ug

**Tissue type** Colorectal Adenocarcinoma

**Source** Human

**Buffer:** Lysate is supplied in SDS sample buffer containing 5% β-mercaptoethanol

**Store** Lysate is supplied at a concentration of 2 mg/ml. Store at 2-8˚C for continuous use. For extended storage, freeze working aliquots at -70˚C. Repeated freezing and thawing is not recommended. Under proper storage conditions the shelf life is half a year from the date of receipt.

**Recommended Usage**

Western blot-Load 5-20 ug/lane for testing with various antibodies. Heat at 95oC for 2-5 minutes prior to loading on gels.

**Lysate preparation**

Tissue lysate was prepared by homogenization in modified RIPA buffer (150 mM sodium chloride, 50 mM Tris-HCl, pH 7.4, 1 mM ethylenediaminetetraacetic acid, 1 mM phenylmethylsulfonyl fluoride, 1% Triton X-100, 1% sodium deoxycholic acid, 0.1% sodium dodecylsulfate, 5 µg/ml of aprotinin, 5 µg/ml of leupeptin. Tissue and cell debris was removed by centrifugation. Protein concentration was determined with Bio-Rad protein assay. The product was boiled for 5 min in 1 x SDS sample buffer (50 mM Tris-HCl pH 6.8, 12.5% glycerol, 1% sodium dodecylsulfate, 0.01% bromophenol blue) containing 5% β-mercaptoethanol.

All items are for in vitro research use only.

**Related items**

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| #90100 | Western blot recycling kit |
| 80200 | Western blot Kit for Rabbit Primary Antibodies, Chemilum. Substrate |
| 80201 | Western blot Kit for Goat Primary Antibodies, Chemilum. Substrate |
| 80202 | Western blot Kit for Mouse Primary Antibodies, Chemilum. Substrate |
| 80215 | NuGlo ECL Substrate Kit for Western blot |
| 80400-100 | Bovine Serum Albumin (BSA, protease-free) for western (makes ~2-L buffer @5% BSA) |
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| #ACTB12-M | Mouse monoclonal anti-beta actin IgG |
| #G3PDH12-M | Mouse monoclonal anti-G3PDH (GAPDH) |

RIPA buffer, mol wt markers, Mouse, rat and human tissue lysates and pre-made protein blots are also available.

HCL-1221 80703S

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