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## **Caco-2 Lysate**

**Subcategory:** Cell Lysate

**Cat. No.:** 450259

**Unit:** 0.1 mg

**Description:**

Caco-2 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 ug/ml of aprotinin, 5 ug/ml of leupeptin. Cell debris was removed by centrifugation. Protein concentration was determined with Bio-Rad protein assay. The Caco-2 lysate 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% beta-mercaptoethanol.

**Applications:** WB

**Format:** Lysate is supplied at 2 mg/ml in 1X SDS loading buffer (50 mM Tris-HCl pH 6.8, 12.5% glycerol, 1% sodium dodecylsulfate, 0.01% bromophenol blue) containing 5% beta-mercaptoethanol.

**Alternate Names:** colorectal adenocarcinoma

**Application Notes:** WB: Boil the mixture for 10 min before loading. Load 5-20 ug lysate per lane.

**Storage:** Store at 2-8°C for continuous use. For extended storage, freeze working aliquots at -80°C. Minimize freeze-thaw cycles. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.