

Human SW480 Cell Lysate

Catalog No.	PX329A PX329B	Quantity:	100 µg 0.5 mg
Alternate Names:	human colon carcinoma cells (SW480), human colorectal cancer cells (SW480)		
Description:	Human SW480 Cell Lysate		
Concentration:	2.0 mg/ml		
Cell Line:	SW480 (Human colorectal adenocarcinoma)		
Source:	Human (50 year-old Male) colon colorectal adenocarcinoma (Stage: Dukes' type B)		
Growth Media:	ATCC medium (Leibovitz's L-15 medium with 2 mM L-glutamine and 10% FBS)		
Cell Lysate Preparation:	Prepared by homogenization in modified RIPA buffer (50 mM Tris-HCl, pH 7.4 + 1% Triton X-100 + 0.2% sodium deoxycholate + 0.2% sodium dodecylsulfate (SDS) + 1 mM sodium ethylenediaminetetraacetate + 1 mM phenylmethyl-sulfonyl fluoride + 5 µg/ml of aprotinin + 5 µg/ml of leupeptin). Cell debris was removed by centrifugation. Protein concentration was determined with Bio-Rad protein assay.		
Formulation:	Supplied as whole cell lysate in 1 x SDS sample buffer (50 mM Tris-HCL, pH 6.8 + 12.5% glycerol + 1% SDS + 0.01% bromophenol blue) containing 5% β-mercaptoethanol.		
Applications:	Ready to load on SDS-PAGE for Western Blot. It is recommended to load 10 µg to 20 µg per lane for mini gel. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Stable for 3 months at -20°C or for 1 year at -80°C. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

