

## Human SW480 Cell Lysate

<b>Catalog No.</b>	PX329A	<b>Quantity:</b>	100 µg
<b>Alternate Names:</b>	human colon carcinoma cells (SW480), human colorectal cancer cells (SW480)		
<b>Cell Lysate Preparation:</b>	Human SW480 Cell Lysate was 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 phenylmethylsulfonyl 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.		
<b>Concentration:</b>	2.0 mg/ml		
<b>Cell Line:</b>	SW480 (Human colorectal adenocarcinoma)		
<b>Source:</b>	Human (50 year-old Male) colon colorectal adenocarcinoma (Stage: Dukes' type B)		
<b>Growth Media:</b>	ATCC medium (Leibovitz's L-15 medium with 2 mM L-glutamine and 10% FBS)		
<b>Formulation:</b>	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.		
<b>Applications:</b>	<b>Centrifuge vial before use.</b> 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.		
<b>Storage &amp; Stability:</b>	Store at 2-8°C for continuous use. Store in working aliquots at -80°C for up to 1 year. <b>Avoid repeated freeze-thaw cycles.</b>		
<b>Certification:</b>	This material has been tested by accepted techniques and has been found to be negative for HBsAg, HIV 1/2, and HCV.		

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