Product Datasheet

Human Colon Tissue Lysate (Adult Tumor)
NBP2-28146

Unit Size: 0.1 mg

Store at -80C. Avoid freeze-thaw cycles.

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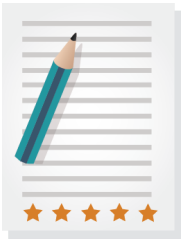

NBP2-28146

Human Colon Tissue Lysate (Adult Tumor)

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at -80C. Avoid freeze-thaw cycles.

Product Description	
Species	Human
Specificity/Sensitivity	Sex: Male Age :25 Diagnosis: Adenocarcinoma, well differentiated Grade:1 Stage:I TNM:T2N0M0
Immunogen	Clinical Tissue Human Colon Tumor Tissue Lysate
Preparation Method	Tissue specimens are homogenized in modified RIPA buffer to obtain the soluble proteins, and centrifuged to clarify. The pellet was further extracted with a second buffer to obtain the less soluble protein fraction. The lysate solution may appear turbid at cold temperatures due to insolubility of buffer components. The solution should clear upon warming to room temperature.
Notes	The vial is provided with a 10% overfill. Maximum recovery can be obtained by centrifuging the vial briefly to collect any solution on the cap and tube sides.
Lysate Type	Tissue
Lysate Tissue	Colon
Lysate Tissue Condition	Tumor
Lysate Life Stage	Adult

Product Application Details	
Application Notes	These lysates are proteomic discovery tools.Researchers should validate and optimize for individual use. Potential applications MAY include WB, immunoprecipitation, protein-protein interactions, ligand binding, ELISA. Note: For use in 1D and 2D gel electrophoresis, the addition of a denaturing gel loading buffer with reducing agents may be required.

Procedures

Product Handling Protocol (NBP2-28146)
Lysate Preparation:
Tissue specimens are homogenized in modified RIPA buffer to obtain the soluble proteins, and centrifuged to clarify. The pellet was further extracted with a second buffer to obtain the less soluble protein fraction. The lysate solution may appear turbid at cold temperatures due to insolubility of buffer components. The solution should clear upon warming to room temperature.

Extraction 1: PBS, pH 7.4, 1 ug/ml Aprotinin, 1 mM NaF

Modified RIPA Buffer: 1 mM EDTA, 1 ug/ml Pepstatin-A, 0.1% SDS, 0.25% Na deoxycholate, 1 ug/ml Leupeptin, 1 mM PMSF, 1 mM Na3VO4

Extraction 2: PBS, pH 7.4, 5.0 M Urea, 2.0 M Thiourea, 50mM DTT, 0.1% SDS

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Limitations
This product is for research use only and is not approved for use in humans or in clinical diagnosis. Lysates are guaranteed for 6 months from date of receipt.

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