Product Datasheet

Human Lung Tissue Lysate (Adult Normal)
NBP2-27823

Unit Size: 0.1 mg

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

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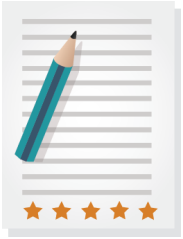

NBP2-27823

Human Lung Tissue Lysate (Adult Normal)

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:Female Age :66 Diagnosis:Adenoarcinoma, moderately differentiated Grade:2 Stage:II TNM:T2N0Mx
Immunogen	Clinical Tissue Human Lung Normal 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	Lung
Lysate Tissue Condition	Normal
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 (NBP2-27823)
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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