

Recombinant Human CYFRA21-1

Cat. No. CYFRA21-1-67H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Cytokeratin Fragment Antigen 21-1 was expressed in E. coli.
Species	Human
Source	E.coli
Description	Cytokeratin19 Fragment Antigen 21-1(CYFRA21-1) belongs to a family of 20 related polypeptides that are constituents of the intermediate filaments of epithelial cells. Of these CK19 is the most frequently expressed cytokeratin endometrial cancer. CYFRA21-1 is a common tumor marker of lung cancer,non-small-cell cancer, small cell carcinoma and squamous cell carcinoma. For breast cancer, CYFRA21-1 may be comparable to the sensitivity and specificity of CA153.Measured jointly with any of the tumor markers as CEA, SCCA, NSE, can increase the sensitivity. Other as bladder cancer, nasopharyngeal cancer, ovarian cancer, gastrointestinal cancer, and also have certain positive rate. CYFRA21-1 in hepatitis, pancreatitis, pneumonia, benign prostatic hyperplasia may also be increased.
Form	The protein solution is in 0.05M phosphate buffer containing 0.15M NaCl and 0.09% NaN3 pH 7.5. Filtered through a 0.4μm membrane.
Molecular Mass	21.8kDa
Endotoxin	< 1.0 eu per μg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE

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Applications

Western blotting, ELISA

Storage

Store it under sterile conditions at -20°C to -117°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

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