

# Cytokeratin 19 Fragment Antigen 21-1 (CYFRA21-1) Antibody (Capture Ab)

Catalogue No.: abx019245

Cytokeratin 19 Fragment Antigen 21-1 (CYFRA21-1), also known as Keratin, type I cytoskeletal 19, cytokeratin-19 (CK-19) or keratin-19 (K19) is a 40 kDa protein that in humans is encoded by the KRT19 gene. Serum CYFRA 21-1 (cytokeratin-19 fragments) may be a reliable marker of recurrence or therapeutic efficacy, and has been used for monitoring the recurrence of breast cancer and in evaluating therapeutic effects. Serum CYFRA 21-1 has also been used as a biomarker for diagnosis of nonsmall cell lung cancer (NSCLC), and has been reported to be elevated in nasopharyngeal carcinoma (NPC). It can function as a biomarker for detection and monitoring of NPC.

CYFRA21-1/CK19 (Capture Ab) is a Mouse Monoclonal antibody against Human CYFRA21-1/CK19. For ELISA and CLIA immunoassays, it is recommended to use abx019245 (this product) as the capture antibody and [abx019246](#) as the detection antibody.

<b>Target:</b>	Cytokeratin 19 Fragment Antigen 21-1 (CYFRA21-1)
<b>Clonality:</b>	Monoclonal
<b>Reactivity:</b>	Human
<b>Tested Applications:</b>	ELISA, WB, CLIA
<b>Host:</b>	Mouse
<b>Recommended dilutions:</b>	Optimal dilutions/concentrations should be determined by the end user.
<b>Conjugation:</b>	Unconjugated
<b>Isotype:</b>	IgG <sub>1</sub>
<b>Form:</b>	Liquid
<b>Purity:</b>	> 95% (HPLC and SDS-PAGE)
<b>Purification:</b>	Purified by Protein A or Protein G.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	P08727 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>GeneID:</b>	<a href="#">3880</a>
<b>OMIM:</b>	<a href="#">148020</a>

# Datasheet

Version: 3.0.0

Revision date: 11 Mar 2025



**Buffer:** 0.01 M PBS (pH 7.4) & 0.15 M NaCl without preservative.

**Specificity:** It specifically recognize the human CK19 / CYFRA21-1, and may cross react with CK20, CK8 & CK18.

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only