

#4753 Store at -20°C

Cellular Localization IF Antibody Sampler Kit

1 Kit (9 x 20 microliters)



Cell Signaling
TECHNOLOGY®

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For Research Use Only. Not for Use in Diagnostic Procedures.

Product Includes	Product #	Quantity	Mol. Wt	Isotype/Source
β-Tubulin (9F3) Rabbit mAb	2128	20 µl	55 kDa	Rabbit IgG
COX IV (3E11) Rabbit mAb	4850	20 µl	17 kDa	Rabbit IgG
NUP98 (C39A3) Rabbit mAb	2598	20 µl	98 kDa	Rabbit IgG
Fibrillarin (C13C3) Rabbit mAb	2639	20 µl	37 kDa	Rabbit IgG
LC3B (D11) XP® Rabbit mAb	3868	20 µl	14, 16 kDa	Rabbit IgG
Rab5A (E6N8S) Mouse mAb	46449	20 µl	25 kDa	Mouse IgG1
Calnexin (C5C9) Rabbit mAb	2679	20 µl	90 kDa	Rabbit IgG
Histone H3 (D1H2) XP® Rabbit mAb	4499	20 µl	17 kDa	Rabbit IgG
Histone H2A (D6O3A) Rabbit mAb	12349	20 µl	14 kDa	Rabbit IgG

Please visit [cellsignal.com](https://www.cellsignal.com) for individual component applications, species cross-reactivity, dilutions, protocols, and additional product information.

Description

The Cellular Localization IF Antibody Sampler Kit provides an economical means for identification of cellular organelles by fluorescence immunocytochemistry (IF-IC). This kit includes enough primary antibody to perform at least twenty IF-IC tests or two Western blots with each antibody.

Storage

Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at -20°C. Do not aliquot the antibody.

Background

Knowledge of the subcellular location of a protein may reveal the potential role it plays in a variety of cellular processes. One can confirm the subcellular location of a marker that colocalizes with one of the organelle-specific antibodies in this kit. While these antibodies serve as powerful tools for immunofluorescence, they may also be used as western blot controls for fractionated cell lysates.

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