Organelle Localization IF Antibody Sampler Kit

☑ 1 Kit
(5 x 20 µl)

Description: The Organelle Localization IF Antibody Sampler Kit provides an economical means for identification of cellular organelles by fluorescence immunocytochemistry (IF-IC).

Background: Knowledge of the subcellular location of a protein may reveal its potential role 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.

Specificity/Sensitivity: Each antibody in the Organelle Localization IF Antibody Sampler Kit recognizes only its specific target and does not cross-react with other family members. Each antibody has been validated for IF-IC and stains the organelles indicated above. Expression of these proteins may vary in different cells and tissues. Please see www.cellsignal.com for additional specificity/sensitivity information for individual kit components.

Source/Purification: Rabbit monoclonal antibodies are produced by immunizing animals with a recombinant protein fragment of human LAMP1 protein, or with a synthetic peptide corresponding to residues surrounding Ala520 of human AIF protein, residues surrounding Ser70 of human EEA1 protein, the sequence of human PDI protein, or residues surrounding Gly147 of human RCAS1 protein.

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 antibodies. Please visit www.cellsignal.com for validation data and a complete listing of recommended companion products.

See www.cellsignal.com for individual component applications, species cross-reactivity, dilutions and additional application protocols.