Anti-Involucrin Antibody

Product Number: AC12-0076

Overview

Host Species: Mouse
Clonality: Monoclonal (SY5)
Purity: Antibody is purified from bioreactor concentrate by Protein A/G.
Isotype: IgG1, kappa

Immunogen Type: Anti-involucrin antibody was raised against purified involucrin from human keratinocytes.

Physical Characteristics

Amount: 0.05 mg
Concentration: 1 mg/ml
Volume: 0.05 ml
Buffer: Antibody is purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS at 1.0mg/ml.
Storage: Antibody should be aliquoted and stored at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Specificity

Species Reactivity: Human, Dog, Pig, Monkey, Gorilla, Owl
Specificity: Anti-involucrin antibody recognizes a protein of 66kDa-170kDa, identified as involucrin. In Western blotting of cultured human keratinocytes, this MAb reacts with a 120kDa protein. It stains the involucrin in a variety of sizes: 170kDa in MCF-7 cells, a d

Target Information

Gene ID Number(s): 3713 (Human), 609423 (Dog), 407242 (Pig)

Application Details

Tested Applications: ELISA, WB, IHC, ICC, IF, IP, FC
ELISA: For coating an ELISA plate, order antibody without BSA.
Western Blot: Recommended starting concentration for western blot is 0.5-1.0 ug/ml.
Immunohistochemistry: Recommended starting concentration for immunohistochemistry is 1-2 ug/ml for 30 minutes at RT with frozen, formalin-fixed tissues (Staining of formalin-fixed tissues is Enhanced by digestion with trypsin at 1mg/ml PBS for 5 minutes at 37°C).
Immunocytochemistry: Recommended starting concentration for immunocytochemistry is 1-2 ug/ml for 30 minutes at RT with frozen, formalin-fixed tissues (Staining of formalin-fixed tissues is Enhanced by digestion with trypsin at 1mg/ml PBS for 5 minutes at 37°C).
Immunofluorescence: Recommended starting concentration for immunofluorescence is 1.0-2.0 ug/ml.
Flow Cytometry: 0.5-1.0 ug antibody/million cells
Immunoprecipitation: 1.0-2.0 ug antibody/500 ug protein lysate

Product Images