BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Involucrin Ivl Antibody (Monoclonal, 35I96)

Catalog Number: M02628-3

About Ivl

Involucrin is a keratinocyte protein that first appears in the cell cytosol, but ultimately becomes cross-linked to membrane proteins by transglutaminase. The gene consists of 585 amino acids, 390 of which form a central decapeptide repeat, rich in glutamine and glutamic acid. The involucrin gene, encoding a protein of the terminally differentiated keratinocyte, is polymorphic in the human. Involucrin has previously been mapped to chromosome 1q21. The epidermal protein involucrin has been remodeled in the higher primates. And the existence of two populations of East Asian involucrin alleles gives support for the existence of a Eurasian stem lineage from which Caucasians and a part of the Asian population originated.

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Overview

Product Name	Anti-Involucrin Ivl Antibody (Monoclonal, 35I96)
Reactive Species	Human, Pig
Description	Boster Bio Anti-Involucrin Ivl Antibody (Monoclonal, 35I96) catalog # M02628-3. Tested in IHC, ICC, WB applications. This antibody reacts with Human, Pig.
Application	IHC, ICC, WB
Clonality	Monoclonal 35I96
Formulation	Mouse IgG in stabilizing components, 1.2% sodium acetate and 0.01mg NaN3.
Storage Instructions	Store at -20˚C for one year from date of receipt. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for six months. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	P48998

Technical Details

Immunogen	Human involucrin.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Mouse IgG (EK1001) for Western blot, and HRP Conjugated anti-Mouse IgG Super Vision Assay Kit (SV0001-1) for IHC(P), IHC(F) and ICC.

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Cross Reactivity	No cross-reactivity with other proteins
Isotype	Mouse IgG1
Form	Lyophilized
Concentration	Adding 1 ml of PBS buffer will yield a concentration of 100 ug/ml.
Purification	Ascites
Suggested Dilutions	Immunohistochemistry (Paraffin-embedded Section), 0.4-1ug/ml, Human, pig Immunocytochemistry , 1ug/ml, Human, pig, - Immunohistochemistry (Frozen Section), 0.4-1ug/ml, Human, pig, - Western blot, 1ug/ml, Human, pig

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For Research Use Only. Not for use in diagnostic procedures.