TGM6 Antibody

PACO20749

Product Information

Size:

50ul

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, IHC

Recommended dilutions:

ELISA:1:2000-1:5000, IHC:1:25-1:100

Protein Background:

Constant region of immunoglobulin heavy chains. Immunoglobulins, also known as antibodies, are membrane-bound or secreted glycoproteins produced by B lymphocytes. In the recognition phase of humoral immunity, the membrane-bound immunoglobulins serve as receptors which, upon binding of a specific antigen, trigger the clonal expansion and differentiation of B lymphocytes into immunoglobulins-secreting plasma cells. Secreted immunoglobulins mediate the effector phase of humoral immunity, which results in the elimination of bound antigens. The antigen binding site is formed by the variable domain of one heavy chain, together with that of its associated light chain. Thus, each immunoglobulin has two antigen binding sites with remarkable affinity for a particular antigen. The variable domains are assembled by a process called V-(D)-J rearrangement and can then be subjected to somatic hypermutations which, after exposure to antigen and selection, allow affinity maturation for a particular antigen.

Gene ID:

TGM6

Uniprot

O95932

Synonyms:

transglutaminase 6

Immunogen:

Synthetic peptide of human TGM6.

Storage:

-20° C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

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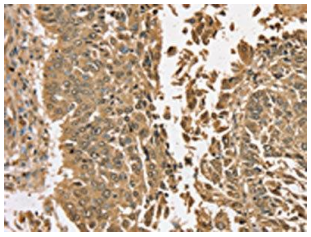
Product Images



The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using PACO20749(TGM6 Antibody) at dilution 1/35, on the right is treated with synthetic peptide. (Original magnification: x—200).