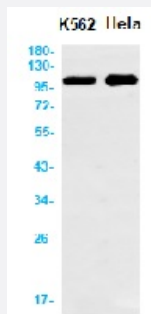


RecomAb™

DSC3 recombinant monoclonal antibody, clone R06-4G2

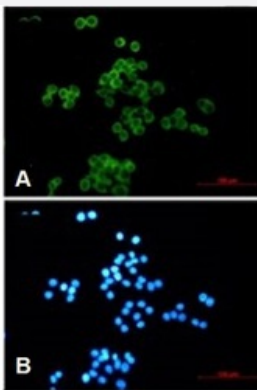
Catalog # RAB01719 Size 100 uL

Applications



Western Blot

Western blot analysis of Desmocollin 3 in K562, HeLa lysates using human Desmocollin 3 recombinant monoclonal antibody, clone R06-4G2 (Cat # RAB01719).



Immunocytochemistry

Immunocytochemical staining of HeLa with Desmocollin 3 recombinant monoclonal antibody, clone R06-4G2 (Cat # RAB01719). (A) Desmocollin 3 (green) and (B) DAPI (blue).

Specification

| | |
|----------------------|---|
| Product Description | Rabbit recombinant monoclonal antibody raised against synthetic peptide of human Desmocollin 3. |
| Antibody Species | Rabbit |
| Immunogen | Original antibody is raised against a synthetic peptide corresponding to human Desmocollin 3 |
| Theoretical MW (kDa) | Calculated MW: 100 k |
| Reactivity | Human |

| | |
|---------------------|--|
| Form | Liquid |
| Purification | Affinity purification |
| Isotype | IgG |
| Recommend Usage | Immunofluorescence (1:50-1:200) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user. |
| Storage Buffer | In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA) |
| Storage Instruction | Store at 4°C for short term. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing. |
| Note | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

Applications

- Western Blot

Western blot analysis of Desmocollin 3 in K562, Hela lysates using human Desmocollin 3 recombinant monoclonal antibody, clone R06-4G2 (Cat # RAB01719).

- Immunocytochemistry

Immunocytochemical staining of Hela with Desmocollin 3 recombinant monoclonal antibody, clone R06-4G2 (Cat # RAB01719).
(A) Desmocollin 3 (green) and (B) DAPI (blue).

Gene Info — DSC3

| | |
|--------------------|-------------------------------------|
| Entrez GeneID | 1825 |
| Protein Accession# | Q14574 |
| Gene Name | DSC3 |
| Gene Alias | CDHF3, DSC, DSC1, DSC2, DSC4, HT-CP |
| Gene Description | desmocollin 3 |
| Omim ID | 600271 |
| Gene Ontology | Hyperlink |

Gene Summary

The protein encoded by this gene is a calcium-dependent glycoprotein that is a member of the desmocollin subfamily of the cadherin superfamily. These desmosomal family members, along with the desmogleins, are found primarily in epithelial cells where they constitute the adhesive proteins of the desmosome cell-cell junction and are required for cell adhesion and desmosome formation. The desmosomal family members are arranged in two clusters on chromosome 18, occupying less than 650 kb combined. Alternative splicing results in two transcript variants encoding distinct isoforms. [provided by RefSeq]

Other Designations

desmocollin 4

Disease

- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)
- [Tobacco Use Disorder](#)