Recombinant Desmocollin-2/3 Antibody

Rabbit Monoclonal Antibody [Clone DSC2/17484R]

Catalog No	Format	Size
1824-RBM6-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
1824-RBM6-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
1824-RBM6-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Western Blot (WB)	2-4ug/ml	

Product Details

Clone	DSC2/17484R
Immunogen	Recombinant human DSC2 protein
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	99.96kDa
Cellular Localization	Cell junction, Cell membrane, Desmosome
Species Reactivity	Human
Positive Control	Expressed at intercalated disks in the heart, where it is colocalized with CDH2 (at protein level) (PubMed:23863954, PubMed:33784018)

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant Desmocollin-2/3 Antibody

Specificity & Comments

A component of desmosome cell-cell junctions which are required for positive regulation of cellular adhesion (PubMed:33596089). Promotes timely incorporation of DSG2 into desmosome intercellular junctions and promotes interaction of desmosome cell junctions with intermediate filament cytokeratin, via modulation of DSP phosphorylation (PubMed:33596089). Plays an important role in desmosome-mediated maintenance of intestinal epithelial cell intercellular adhesion strength and barrier function (PubMed:33596089). Positively regulates wound healing of intestinal mucosa via promotion of epithelial cell migration, and also plays a role in mechanotransduction of force between intestinal epithelial cells and extracellular matrix (PubMed:31967937). May contribute to epidermal cell positioning (stratification) by mediating differential adhesiveness between cells that express different isoforms. May promote p38MAPK signaling activation that facilitates keratinocyte migration (By similarity).

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.