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Datasheet for ABIN215762

anti-Desmocollin 1 antibody (Intracellular)

Overview

Quantity:	50 µg
Target:	Desmocollin 1 (DSC1)
Binding Specificity:	Intracellular
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Desmocollin 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Synthetic peptide corresponding to sequence present within the intracellular part of human desmocollin 1 (HQTLESVKGVGGQDGTGRYATDWQC). Percent identity by BLAST analysis: Human, Gibbon, Monkey (96%), Gorilla (92%), Marmoset (88%). Type of Immunogen: Synthetic peptide
Isotype:	IgG1
Specificity:	Antigen recognized in species specific for human. Cell Lines (tested so far) of differentiated cells. All simple epithelia are negative. desmocollin 1, negative with bovine (tested so far) and rodent material. Reacts with 111kD (form 'a') and 103kD (form 'b') polypeptides (desmocollin1 splice forms, both at pI 5.2) from human epidermal desmosomes. Reactivities on Cultured Positive on primary keratinocytes, however, restricted to local piles.

Product Details

Predicted Reactivity: Percent identity by BLAST analysis: Human, Gibbon, Monkey (96%) Gorilla (92%) Marmoset (88%).

Purification: Protein A purified

Target Details

Target: Desmocollin 1 (DSC1)

Alternative Name: DSC1 / Desmocollin 1 ([DSC1 Products](#))

Background: Name/Gene ID: DSC1

Family: Cadherin

Synonyms: DSC1, Desmocollin-1, Desmocollin 1, Desmosomal glycoprotein 2/3, DG2/DG3, Cadherin family member 1, CDHF1

Gene ID: 1823

UniProt: [Q08554](#)

Application Details

Application Notes: Approved: IHC, IHC-Fr, IHC-P, WB

Usage: Suitable for use in Immunohistochemistry and Western Blot. Immunohistochemistry (Frozen, Paraffin, HEIR): 1:10 in PBS, pH 7.4, Incubation Time 1 hr at RT or overnight at 4°C.

Note: For better resolution on frozen sections preincubation (directly after fixation) with 0.05-0.2 % Triton X-100, for 5-10 min, depending on tissue type, is recommended (see ref. 2).

Without detergent pretreatment a cytoplasmic component might cross-react (e. g. in fibroblasts). (Paraffin: slight cross-reactivity with a lymphocyte subpopulation is abolished by mild trypsinization after the microwave step. Localization: Localizes Dsc1 present in suprabasal layers of interfollicular epidermis, specific cell layers (e. g. in hair follicle root sheath), Hassall bodies (spheroidal formations of densely packed reticulum-derived cells in the thymus).

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Lyophilized

Handling

Reconstitution:	Restore with 1 mL sterile ddH ₂ O
Concentration:	Lot specific
Buffer:	Lyophilized powder from PBS, pH 7.4, 0.5 % BSA, 0.09 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Lyophilized powder may be stored at -20°C. Stable for 1 year at -20°C. Aliquot and store at -20°C. Reconstituted product is stable for 1 year at -20°C.