

CK5 Antibody

Purified Mouse Monoclonal Antibody
Catalog # AO2149a

Product Information

Application	WB, IHC, FC, ICC, E
Primary Accession	P13647
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	2C8E4
Isotype	IgG1
Calculated MW	62378 Da
Description	The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in the basal layer of the epidermis with family member KRT14. Mutations in these genes have been associated with a complex of diseases termed epidermolysis bullosa simplex. The type II cytokeratins are clustered in a region of chromosome 12q12-q13.
Immunogen	Purified recombinant fragment of human CK5 (AA: 258-357) expressed in E. Coli.
Formulation	Purified antibody in PBS with 0.05% sodium azide

Additional Information

Other Names	Keratin, type II cytoskeletal 5, 58 kDa cytokeratin, Cytokeratin-5, CK-5, Keratin-5, K5, Type-II keratin Kb5, KRT5
Dilution	WB~~1/500 - 1/2000 IHC~~1/200 - 1/1000 FC~~1/200 - 1/400 ICC~~N/A E~~1/10000
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	CK5 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

References

1.Horm Cancer. 2013 Feb;4(1):36-49.2.Breast Cancer Res Treat. 2011 Jul;128(1):45-55.

Images

