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# Datasheet for ABIN5542460 anti-Cytokeratin 5 antibody (AA 258-357)





Overview

Quantity:	0.1 mg
Target:	Cytokeratin 5 (KRT5)
Binding Specificity:	AA 258-357
Reactivity:	Human, Mouse, Monkey
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Cytokeratin 5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS), Immunocytochemistry (ICC)

## Product Details

Immunogen:	Purified recombinant fragment of human CK5 (AA: 258-357) expressed in E. coli.
Clone:	3D6D4
lsotype:	lgG1
Purification:	purified

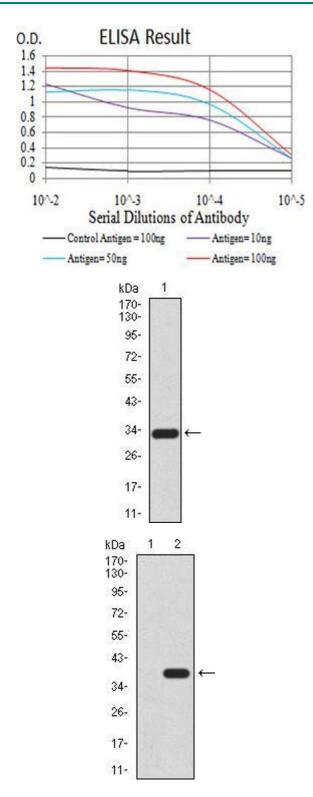
### Target Details

Target:	Cytokeratin 5 (KRT5)
Alternative Name:	CK5 (KRT5 Products)
Background:	Description: The protein encoded by this gene is a member of the keratin gene family. The type

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### Target Details

	Il 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.,
	Aliases: KRT5, K5, DDD, DDD1, EBS2, KRT5A
Molecular Weight:	62.4 kDa
Gene ID:	3852
HGNC:	3852
Application Details	
Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, ICC: 1:200 - 1:1000, FCM: 1:200 - 1:400
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified antibody in PBS with 0.05 % 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:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage



#### ELISA

**Image 1.** Black line: Control Antigen (100 ng), Purple line: Antigen(10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng),

#### Western Blotting

**Image 2.** Western blot analysis using CK5 mAb against human CK5 (AA: 258-357) recombinant protein. (Expected MW is 33.1 kDa)

Western Blotting	
Image 3. Western blot analysis using CK5 mAb against	
HEK293 (1) and CK5 (AA: 258-357)-hlgGFc transfected	
HEK293 (2) cell lysate.	

Please check the product details page for more images. Overall 7 images are available for ABIN5542460.

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