DATASHEET

CK5+14 (Cytokeratin 5+14) Mouse Monoclonal Antibody(ARA613)

CAT. NO. ARA6312

KEY FEATURES

Target:	CK5+14 (Cytokeratin 5+14)	Clone ID:	ARA613
Source/Host:	Mouse	Reactivity:	Human
Clonality:	Monoclonal	Applications:	IHC
Storage:	at 4°C or -20°C		

BACKGROUND

Cytokeratin 5 (KRT5) and Cytokeratin 14 (KRT14) are type II and type I intermediate filament proteins, respectively, which assemble into obligate heterodimers. They are predominantly expressed in the basal layer of stratified squamous epithelia, myoepithelial cells and the basal cells of glandular epithelia. CK5/14 is widely used as a diagnostic marker in surgical pathology to distinguish basal-type from luminal-type cells in a variety of epithelial tumors.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

IHC	1:50-1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

OVERVIEW

Description	Mouse monoclonal antibody to CK5+14 (Cytokeratin 5+14)
Specificity	Recognizes CK5+14 (Cytokeratin 5+14); binds human and cat cytokeratin 5 and cytokeratin 14
Antibody Type	Primary antibody
Immunogen	Mice were immunized with a cytokeratin-enriched extract of feline tongue epithelium
Purification	Protein A affinity purified
Isotype	IgG2b, Kappa
Form/Buffer	50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
Alternative Names	CK5/14; Cytokeratin 5; Cytokeratin 14; KRT5; Keratin-5; CK5; K5; Type-II keratin Kb5; Cytokeratin-5; KRT14; CK14; K14; Keratin-14; Keratin, type I cytoskeletal 14
Gene Symbol	KRT5; KRT14
Entrez Gene	3852(Human); 3861(Human)
SwissProt	P13647(Human); P02533(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: www.arexbio.com