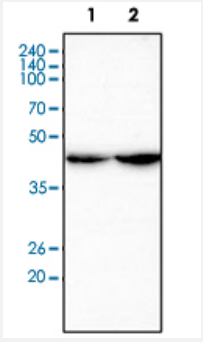
KRT23 monoclonal antibody, clone AT2F6

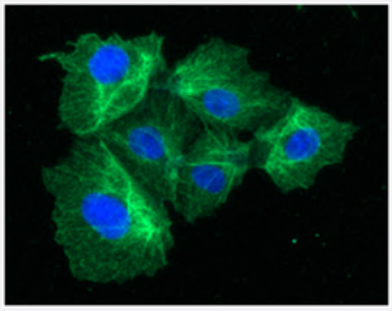
Catalog # MAB11191 Size 100 uL

Applications



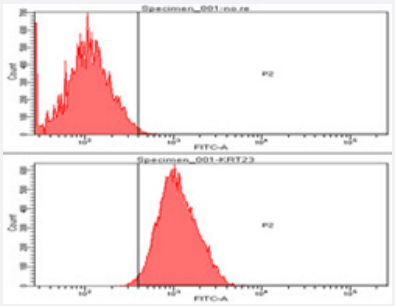
Western Blot (Cell lysate)

Western blot analysis of cell lysates (each 40 ug) by KRT23 monoclonal antibody, clone AT2F6 (Cat # MAB11191) (1:3000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1: HeLa cell lysate. Lane 2: HepG2 cell lysate.



Immunofluorescence

Immunofluorescence analysis of KRT23 in Hep3B cells. The cell was stained with KRT23 monoclonal antibody, clone AT2F6 (Cat # MAB11191) (1:100). The secondary antibody (green) was used Alexa Fluor 488. DAPI was stained the cell nucleus (blue).



Flow Cytometry

Flow cytometry analysis of KRT23 in Hep3B cell line, staining at 2-5 ug for 1x10^6 cells. The secondary antibody used goat anti-mouse IgG Alexa fluor 488 conjugate.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant KRT23.
Immunogen	Recombinant protein corresponding to amino acids 271-422 of human KRT23.

Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein G purification
Concentration	1 mg/mL
Isotype	IgG1, kappa
Recommend Usage	ELISA Flow Cytometry Immunocytochemistry Immunofluorescence Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (10% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

  Western blot analysis of cell lysates (each 40 ug) by KRT23 monoclonal antibody, clone AT2F6 (Cat # MAB11191) (1:3000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1: HeLa cell lysate. Lane 2: HepG2 cell lysate.

- Immunocytochemistry

- Immunofluorescence

  Immunofluorescence analysis of KRT23 in Hep3B cells. The cell was stained with KRT23 monoclonal antibody, clone AT2F6 (Cat # MAB11191) (1:100). The secondary antibody (green) was used Alexa Fluor 488. DAPI was stained the cell nucleus (blue).

- Enzyme-linked Immunoabsorbent Assay

- Flow Cytometry

Flow cytometry analysis of KRT23 in Hep3B cell line, staining at 2-5 ug for $1x10^6$ cells. The secondary antibody used goat anti-mouse IgG Alexa fluor 488 conjugate.

Gene Info — KRT23

Entrez GeneID	25984
Protein Accession#	NP_056330
Gene Name	KRT23
Gene Alias	CK23, DKFZp434G032, HAIK1, K23, MGC26158
Gene Description	keratin 23 (histone deacetylase inducible)
Omim ID	606194
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the keratin family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into c ytokeratins and hair keratins. The type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. The type I cytokeratin genes are clustered in a region of chro mosome 17q12-q21. [provided by RefSeq
Other Designations	cytokeratin 23|histone deacetylase inducible keratin 23|hyperacetylation-inducible type I keratin|ke ratin 23|keratin, type I cytoskeletal 23|type I intermediate filament cytokeratin

Disease

- Chronic Disease
- Genetic Predisposition to Disease
- Lung Neoplasms
- Periodontitis
- Pulmonary Disease
- Urinary Bladder Neoplasms
- Werner syndrome