

Anti-KRT7 Antibody (5N725)

Product Details

Ig Type:	Mouse IgG2a
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	5N725
Purification:	Protein A

Applications

Verified Activity:	<p>Anti-KRT7 mouse monoclonal antibody at 1:500 dilution.</p> <ul style="list-style-type: none">-Lane A: HepG2 Whole Cell Lysate.-Lane B: Hela Whole Cell lysate.-Lysates/proteins at 30 µg per lane.-Secondary <p>-Goat Anti-Mouse IgG (H+L)/HRP at 1/10000 dilution.</p> <ul style="list-style-type: none">-Developed using the ECL technique.-Performed under reducing conditions.-Predicted band size:51 kDa.-Observed band size:51 kDa
Application:	WB
Recommended	WB: 1:500-1:2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthetic peptide: center region of the Human Cytokeratin 7/KRT7
Antigen Species:	Human

Research Background

KRT7 (Keratin 7) is a Protein Coding gene. The protein encoded by this gene is a member of the keratin gene family. One AS, designated Homo sapiens keratin 7 (KRT7-AS), was selected due to its marked upregulation and concordant expression with its cognate sense counterpart, KRT7, in GC tissues and cell lines. KRT7-AS formed an RNA-RNA hybrid with KRT7 and controlled KRT7 expression at both the mRNA and the post-transcriptional levels. Moreover, forced overexpression of the KRT7-overlapping region (OL) of KRT7-AS (but not its non-KRT7-OL portions) increased keratin 7 protein levels in cells. Finally, forced overexpression of full-length KRT7-AS or OL KRT7-AS (but not its non-KRT7-OL regions) promoted GC cell proliferation and migration.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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