

Anti-KRT7 Antibody (7A324)

Product Details

Ig Type:	Mouse IgG3
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	7A324
Purification:	Protein A

Applications

Verified Activity:	<ol style="list-style-type: none">1. Immunochemical staining of human KRT7 in human breast carcinoma with mouse monoclonal antibody (1:50, formalin-fixed paraffin embedded sections).2. Immunochemical staining of human KRT7 in human gastric cancer with mouse monoclonal antibody (1:50, formalin-fixed paraffin embedded sections).
Application:	IHC-P
Recommended	IHC-P: 1:50-1:200

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 KRT7 / Cytokeratin-7
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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481