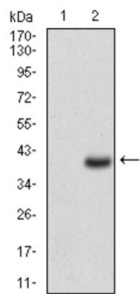
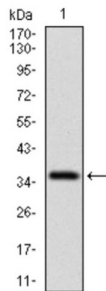


T-Cell Antigen CD7 (CD7) Antibody

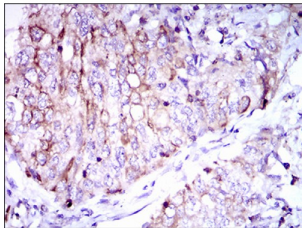
Catalogue No.:abx015804



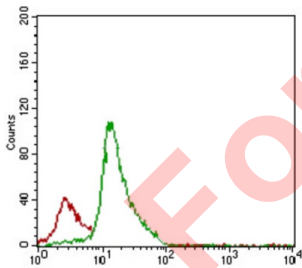
Western blot analysis using CD7 antibody against human CD7 recombinant protein. (Expected MW is 36.6 kDa).



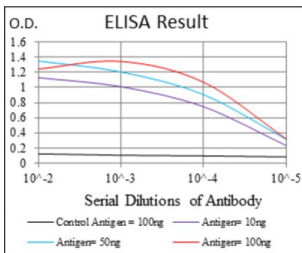
Western blot analysis using CD7 antibody against HEK293 (1) and CD7 (AA: 72-175) -hIgGFc transfected HEK293 (2) cell lysate.



Flow cytometric analysis of Jurkat cells using CD7 antibody (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded lung cancer tissues using CD7 antibody with DAB staining.



Red: Control Antigen (100ng) ; Purple: Antigen (10ng) ; Green: Antigen (50ng) ; Blue: Antigen (100ng).

Datasheet

Version: 4.0.0
Revision date: 02 May 2025



This gene encodes a transmembrane protein which is a member of the immunoglobulin superfamily. This protein is found on thymocytes and mature T cells. It plays an essential role in T-cell interactions and also in T-cell/B-cell interaction during early lymphoid development.

Target:	T-Cell Antigen CD7 (CD7)
Clonality:	Monoclonal
Reactivity:	Human
Tested Applications:	ELISA, IHC, FCM
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000, IHC: 1/200 - 1/1000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of human CD7 (AA: 72-175) expressed in E. coli.
Isotype:	IgG ₁
Form:	Liquid
Purification:	Purified from ascites by Protein G chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P09564 (UniProt , ExPASy)
Gene Symbol:	CD7
GeneID:	924
OMIM:	186820
HGNC:	1695
KEGG:	hsa:924
Ensembl:	ENSG00000173762
String:	9606.ENSP00000312027

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Molecular Weight: 25.4 kDa

Buffer: PBS, containing 0.05% sodium azide.

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only