

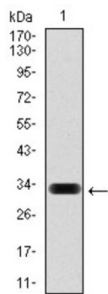
Datasheet

Version: 3.0.0

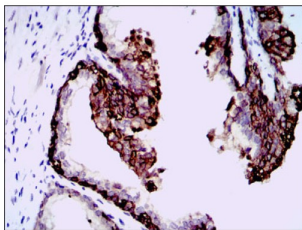
Revision date: 04 Mar 2025

Hyaluronan Synthase 3 (HAS3) Antibody

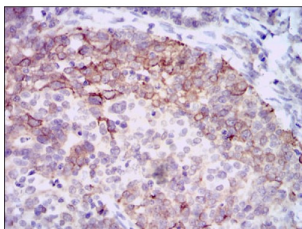
Catalogue No.: abx011874



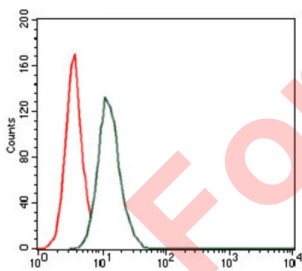
Western blot analysis using HAS3 antibody against human HAS3 (AA: 312-364) recombinant protein. (Expected MW is 32 kDa).



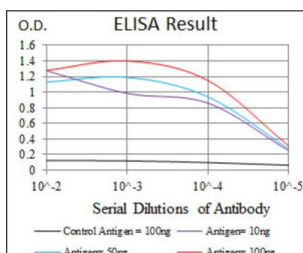
Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using HAS3 antibody with DAB staining.



Immunohistochemical analysis of paraffin-embedded prostate tissues using HAS3 antibody with DAB staining.



Flow cytometric analysis of HeLa cells using HAS3 antibody (green) and negative control (red).



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

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The protein encoded by this gene is involved in the synthesis of the unbranched glycosaminoglycan hyaluronan, or hyaluronic acid, which is a major constituent of the extracellular matrix. This gene is a member of the NODC/HAS gene family. Compared to the proteins encoded by other members of this gene family, this protein appears to be more of a regulator of hyaluronan synthesis. Alternative splicing results in multiple transcript variants.

Target:	Hyaluronan Synthase 3 (HAS3)
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 HAS3 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:	O00219 (UniProt , ExPASy)
Gene Symbol:	HAS3
GeneID:	3038
OMIM:	602428
HGNC:	4820
KEGG:	hsa:3038
Ensembl:	ENSG00000103044
String:	9606.ENSP00000304440

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Molecular Weight: 63 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