

Rabbit anti-Human Involucrin Monoclonal Antibody | anti-IVL antibody

Involucrin Rabbit mAb

CATALOG # AAA282636	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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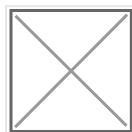
PRODUCT SYNONYMS

Involucrin; Monoclonal Antibody; Involucrin Rabbit mAb; anti-IVL antibody

PRODUCT SPECIFICATIONS

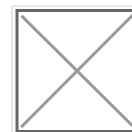
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	KAENPEQQLK QEKTQRDQQL NKQLEEEKKL LDQQLDQELV KRDEQLGMKK EQLLELPEQQ EGHLKHLEQQ EGQLKHPEQQ EGQLELPEQQ EGQLELPEQQ E
Applicable Applications for anti-IVL antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human Involucrin (P07476).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



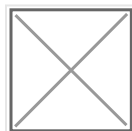
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human cervix cancer tissue using Involucrin Rabbit mAb (AAA282636) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



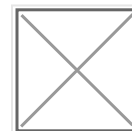
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Mouse skin using Involucrin Rabbit mAb (AAA282636) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human lung squamous carcinoma tissue using Involucrin Rabbit mAb (AAA282636) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Rat skin using Involucrin Rabbit mAb (AAA282636) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



WB (Western Blot)

Western blot analysis of lysates from Rat lung, using Involucrin Rabbit mAb (AAA282636) at 1:500 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.

ADDITIONAL INFORMATION

Related Product Information for anti-IVL antibody	Involucrin, a component of the keratinocyte crosslinked envelope, is found in the cytoplasm and crosslinked to membrane proteins by transglutaminase. This gene is mapped to 1q21, among calpactin I light chain, trichohyalin, profilaggrin, loricrin, and calcyclin.
Product Categories/Family for anti-IVL antibody	Cancer; Tumor biomarkers; Signal Transduction; Cell Biology Developmental Biology; Cytoskeleton; Extracellular Matrix; Keratin; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	44890059
NCBI GeneID	3713
NCBI Accession #	NP_005538.2
NCBI GenBank Nucleotide #	NM_005547.2
UniProt Accession #	P07476; Q5T7P4
Molecular Weight	Calculated MW: 68kDa Observed MW: 90kDa
UniProt Protein Name	Involucrin
UniProt Gene Name	IVL
UniProt Entry Name	INVO_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/involucrin-antibody-immunohistochemistry-western-blot-elisa/282636>