

Sheep anti-Human AID Monoclonal Antibody | anti-AID antibody

AID antibody (biotin)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA107966	Sheep	Human	Western Blot, Immunohistochemistry, Immunohistochemistry

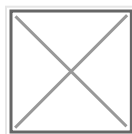
PRODUCT SYNONYMS

AID; Monoclonal Antibody; AID antibody (biotin); Monoclonal AID; Anti-AID; Activation-induced deaminase; Aicda; Aid; Activation-induced cytidine deaminase; Arp2; Cytidine aminohydrolase; anti-AID antibody

PRODUCT SPECIFICATIONS

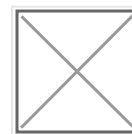
Host	Sheep
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a kappa
Specificity	Human
Form/Format	Supplied in an aqueous buffer with 0.09% sodium azide, may contain carrier protein/stabilizer
Concentration	500 ug/ml (varies by lot)
Applicable Applications for anti-AID antibody	WB (Western Blot), IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Biological Significance	AID is a 24 kDa RNA-editing enzyme that converts cytosine into uracil. It plays a critical role during B cell development, specifically in somatic hypermutation (SHM) and immunoglobulin class switch recombination (CSR). Changes in levels of AID expression typically present with disease. For example, mutations in AID are found in Hyper-IgM Syndrome (type 2), a disease form without opportunistic infections, while overexpression correlates with poor prognosis in chronic lymphocytic leukemia/small lymphocytic lymphoma.
Cross-Reactivity	Human, Mouse
Tag/Conjugate	Biotin
Preparation and Storage	Store at 2-8 degree C

IMAGES



IF (Immunofluorescence)

Immunofluorescent staining of AID knock-out (top) or wild type (bottom) mouse intestinal Peyer's patches with AID antibody (AAA107966)



IF (Immunofluorescence)

Immunofluorescent staining of AID knock-out (top) or wild type (bottom) mouse intestinal Peyer's patches with AID antibody (AAA107966)

ADDITIONAL INFORMATION

Related Product Information for anti-AID antibody	Rat monoclonal AID antibody (biotin)
Product Categories/Family for anti-AID antibody	DNA & RNA ; Conjugated Monoclonal Antibodies

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/aid-antibody-western-blot-immunohistochemistry-immunohistochemistry-elisa/107966>