Mouse anti-Human POLK Monoclonal Antibody | anti-POLK antibody

POLK (DNA Polymerase kappa, DINB1, DINB Protein) (FITC)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25212	**Mouse**	**Human**	**ELISA, Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

POLK; Monoclonal Antibody; POLK (DNA Polymerase kappa; DINB1; DINB Protein) (FITC); anti-POLK antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	6F2
Specificity	Recognizes human POLK.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Applicable Applications for anti-POLK antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IF: 10ug/ml Applications are based on unconjugated antibody.
Immunogen	Full length recombinant corresponding to aa1-473 from human POLK (AAH50718) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MDSTKEKCDSYKDDLLLRMGLNDNKAGMEGLDKEKINKIIMEATKGSRFYGNELKKEKQVNQRIENMMQQKAQITSQQLRKAQLQVDRFAMELEQSRNL
Conjugate	FITC
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor

IMAGES

WB (Western Blot)
Western Blot detection against Immunogen (78.03kD).

WB (Western Blot)
POLK monoclonal antibody, Western Blot analysis of POLK expression in Hela NE.

Application Data
Detection limit for recombinant GST tagged POLK is ~0.3ng/ml as a capture antibody.

IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to POLK on HeLa cell. [antibody concentration 10ug/ml].

IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to POLK on formalin-fixed paraffin-embedded human stomach. [antibody concentration 3ug/ml].

WB (Western Blot)
Western Blot analysis of POLK expression in transfected 293T cell line by POLK monoclonal antibody. Lane 1: POLK transfected lysate (54.1kD). Lane 2: Non-transfected lysate.

ADDITIONAL INFORMATION

Product Categories/Family for anti-POLK antibody	Antibodies; Enzymes; Polymerase

NCBI AND UNIPROT INFORMATION

NCBI GI #	30048186
NCBI GeneID	51426
Molecular Weight	88,342 Da
NCBI Official Full Name	Homo sapiens polymerase (DNA directed) kappa, mRNA
NCBI Official Synonym Full Names	DNA polymerase kappa
NCBI Official Symbol	POLK
NCBI Official Synonym Symbols	DINP; POLQ; DINB1
NCBI Protein Information	DNA polymerase kappa

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/polk-antibody-clone-6f2-immunofluorescence-immunohistochemistry-western-blot-elisa/25212