

Artemis antibody

Cat. No. GTX23834

Host	Goat
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IHC-P, ELISA
Reactivity	Human

Package
100 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:2000
IHC-P	1:1000
ELISA	1:10000-1:20000

Not tested in other applications.

Calculated MW 78 kDa. ([Note](#))

Product Note This antibody detects a band of the appropriate size in a number of different cell lines. However, it does not detect a band in cell lines that do not express artemis, such as the cell line CJ (see figure) and in an hTERT line (not shown).

Properties

Form	Liquid
Buffer	20mM Potassium Phosphate, 150mM NaCl
Preservative	0.01% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1.2 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide corresponding an internal region of Human ARTEMIS (DCLRE1C DNA cross-link repair 1C).
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



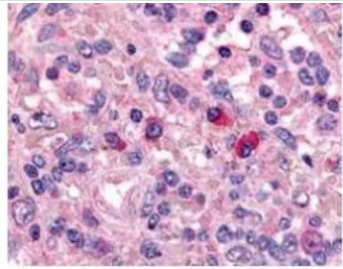
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Note

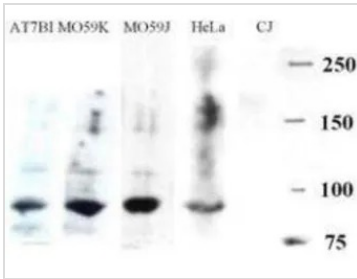
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DATA IMAGES



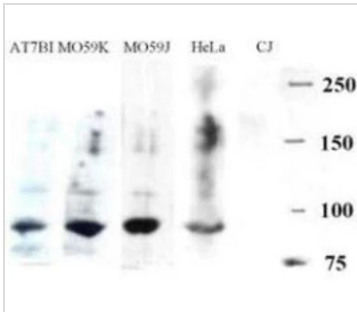
GTx23834 IHC-P Image

GeneTex's Affinity Purified anti-Artemis antibody was used at a 1:1000 dilution to detect Artemis by immunohistochemistry in human spleen. Positive staining of T cells and B lymphocytes is observed in thymus, lymph nodes and spleen. Tissue was formalin-fixed and paraffin embedded



GTx23834 WB Image

Western blotting. GeneTex's Goat-anti-Artemis was used at a 1:500 dilution to detect Artemis in various cell lysates by Western blot. CJ is an Artemis deficient cell line and so no band is visible.



GTx23834 WB Image

WB analysis of various samples using GTx23834 Artemis antibody.

- Lane 1 : AT7BI whole cell lysate
- Lane 2 : M059K whole cell lysate
- Lane 3 : M059J whole cell lysate
- Lane 4 : HeLa whole cell lysate
- Lane 5 : CJ whole cell lysate

Dilution: 1:500



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