

# BAZ1B Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant BAZ1B.

Catalog # AT1274a

## Product Information

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<b>Application</b>	IHC, E
<b>Primary Accession</b>	<a href="#">Q9UIG0</a>
<b>Other Accession</b>	<a href="#">NM_023005</a>
<b>Reactivity</b>	Human
<b>Host</b>	mouse
<b>Clonality</b>	monoclonal
<b>Isotype</b>	IgG2a Kappa
<b>Clone Names</b>	5E10
<b>Calculated MW</b>	170903

## Additional Information

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<b>Gene ID</b>	9031
<b>Other Names</b>	Tyrosine-protein kinase BAZ1B, Bromodomain adjacent to zinc finger domain protein 1B, Williams syndrome transcription factor, Williams-Beuren syndrome chromosomal region 10 protein, Williams-Beuren syndrome chromosomal region 9 protein, hWALp2, BAZ1B, WBSC10, WBSCR10, WBSCR9, WSTF
<b>Target/Specificity</b>	BAZ1B (NP_075381, 1384 a.a. ~ 1483 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Dilution</b>	IHC~~1:100~500 E~~N/A
<b>Format</b>	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Precautions</b>	BAZ1B Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

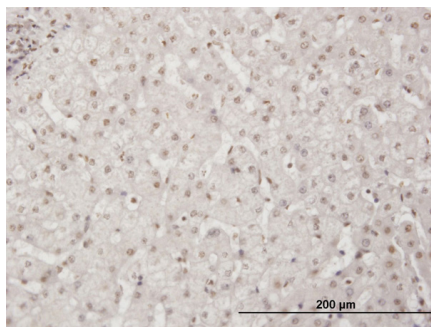
## Background

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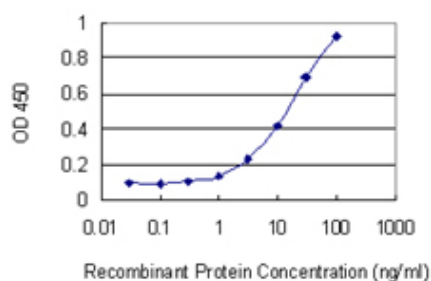
This gene encodes a member of the bromodomain protein family. The bromodomain is a structural motif characteristic of proteins involved in chromatin-dependent regulation of transcription. This gene is deleted in Williams-Beuren syndrome, a developmental disorder caused by deletion of multiple genes at 7q11.23. [provided by RefSeq]

## Images

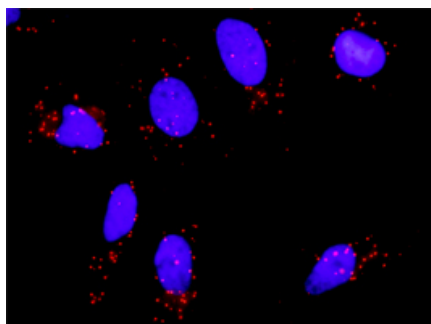
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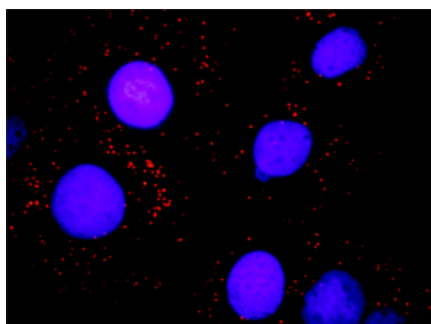
Immunoperoxidase of monoclonal antibody to BAZ1B on formalin-fixed paraffin-embedded human liver. [antibody concentration 3 µg/ml]



Detection limit for recombinant GST tagged BAZ1B is 0.3 ng/ml as a capture antibody.



Proximity Ligation Analysis of protein-protein interactions between SMARCB1 and BAZ1B. HeLa cells were stained with anti-SMARCB1 rabbit purified polyclonal 1:1200 and anti-BAZ1B mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



Proximity Ligation Analysis of protein-protein interactions between SMARCB1 and BAZ1B. Huh7 cells were stained with anti-SMARCB1 rabbit purified polyclonal 1:1200 and anti-BAZ1B mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.