10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

BAZ1B Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant BAZ1B.
Catalog # AT1274a

Product Information

Application	IHC, E
Primary Accession	Q9UIG0
Other Accession	NM_023005
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	5E10
Calculated MW	170903

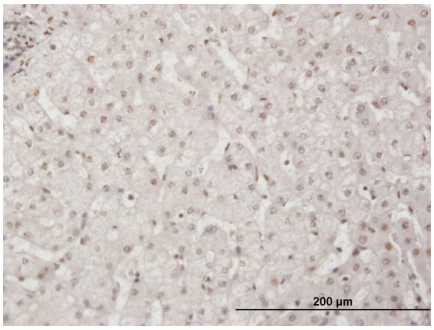
Additional Information

Gene ID	9031
Other Names	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
Target/Specificity	BAZ1B (NP_075381, 1384 a.a. ~ 1483 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	IHC~~1:100~500 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	BAZ1B Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

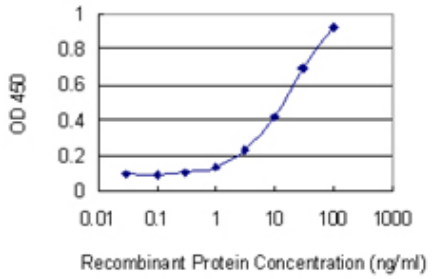
Background

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]

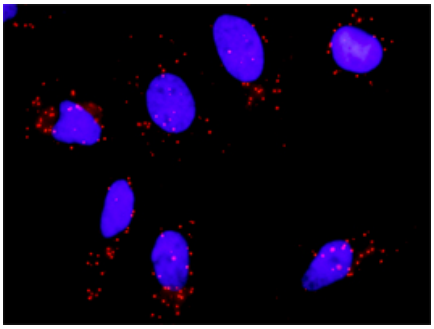
Images



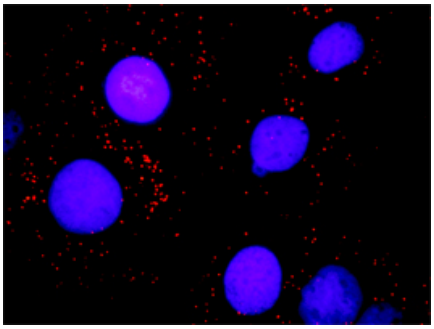
Immunoperoxidase of monoclonal antibody to BAZ1B on formalin-fixed paraffin-embedded human liver. [antibody concentration 3 ug/ml]



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).