

MZB1 Recombinant monoclonal antibody

Catalog Number: 88201-1-RR

Basic Information

Catalog Number:

88201-1-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG42451

GenBank Accession Number:

BC021275

GeneID (NCBI):

51237

UNIPROT ID:

Q8WU39

Full Name:

hypothetical protein MGC29506

Calculated MW:

189 aa, 21 kDa

Observed MW:

19-21 kDa

Purification Method:

Protein A purification

CloneNo.:

260678C2

Recommended Dilutions:

WB: 1:5000-1:50000

IF/ICC: 1:250-1:1000

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

WB : Raji cells, Ramos cells, Daudi cells, MOLT-4 cells

IF/ICC : Raji cells,

Background Information

MZB1, also named as ,PACAP, MGC29506 and pERp1, belongs to the PERP1 family. It is associates with immunoglobulin M (IgM) heavy and light chains and promotes IgM assembly and secretion. MGC29506(PACAP) may exert its effect by acting as a molecular chaperone or as an oxidoreductase as it displays a low level of oxidoreductase activity. Isoform 2 may be involved in regulation of apoptosis. (PubMed: 11350957) MZB1 has 5 isoforms with MW 21kd and 7-13kd.

Storage

Storage:

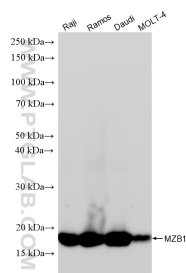
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

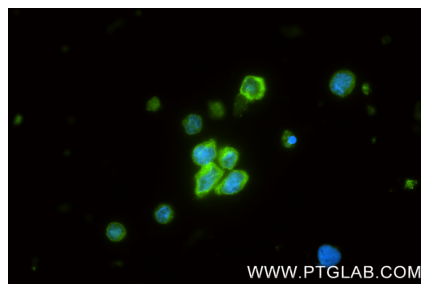
PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88201-1-RR (MZB1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed Raji cells using MZB1 antibody (88201-1-RR, Clone: 260678C2) at dilution of 1:500 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).