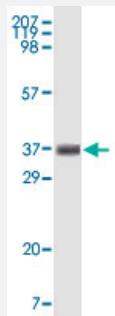


BCL10 monoclonal antibody, clone 4F8E8H8

Catalog # MAB5567

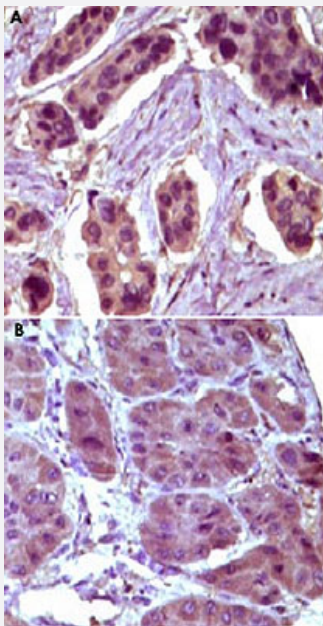
Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of MCF-7 cell extracts with BCL10 monoclonal antibody, clone 4F8E8H8 (Cat # MAB5567).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma (A) and liver carcinoma (B) tissue, showing cytoplasmic localization, using BCL10 monoclonal antibody, clone 4F8E8H8 (Cat # MAB5567) with DAB staining.

Specification

Product Description	Mouse monoclonal antibody raised against recombinant BCL10.
Immunogen	Recombinant protein corresponding to BCL10.
Host	Mouse

Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:2000-1:5000) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:100-1:500) Immunohistochemistry (Frozen sections) (1:200-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (50% glycerol, 0.01% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of MCF-7 cell extracts with BCL10 monoclonal antibody, clone 4F8E8H8 (Cat # MAB5567).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma (A) and liver carcinoma (B) tissue, showing cytoplasmic localization, using BCL10 monoclonal antibody, clone 4F8E8H8 (Cat # MAB5567) with DAB staining.

- Immunohistochemistry (Frozen sections)

- Enzyme-linked Immunoabsorbent Assay

Gene Info — BCL10

Entrez GeneID	8915
Gene Name	BCL10
Gene Alias	CARMEN, CIPER, CLAP, c-E10, mE10
Gene Description	B-cell CLL/lymphoma 10
Omim ID	603517

Gene Ontology

[Hyperlink](#)

Other Designations

CARD containing molecule enhancing NF-kB|CARD-containing apoptotic signaling protein|CARD-containing proapoptotic protein|CARD-like apoptotic protein|OTTHUMP00000011647|OTTHUMP00000036080|caspase-recruiting domain-containing protein

Publication Reference

- [Bcl10 and MALT1, independent targets of chromosomal translocation in malt lymphoma, cooperate in a novel NF-kappa B signaling pathway.](#)

Lucas PC, Yonezumi M, Inohara N, McAllister-Lucas LM, Abazeed ME, Chen FF, Yamaoka S, Seto M, Nunez G.
The Journal of Biological Chemistry 2001 Jun; 276(22):19012.

- [Card10 is a novel caspase recruitment domain/membrane-associated guanylate kinase family member that interacts with BCL10 and activates NF-kappa B.](#)

Wang L, Guo Y, Huang WJ, Ke X, Poyet JL, Manji GA, Merriam S, Glucksmann MA, DiStefano PS, Alnemri ES, Bertin J.
The Journal of Biological Chemistry 2001 Jun; 276(24):21405.

Application: IP-WB, WB-Ce, WB-Tr, Human, 293T cells

- [Bcl10 is involved in t\(1;14\)\(p22;q32\) of MALT B cell lymphoma and mutated in multiple tumor types.](#)

Willis TG, Jadayel DM, Du MQ, Peng H, Perry AR, Abdul-Rauf M, Price H, Karran L, Majekodunmi O, Wlodarska I, Pan L, Crook T, Hamoudi R, Isaacson PG, Dyer MJ.
Cell 1999 Jan; 96(1):35.

Pathway

- [B cell receptor signaling pathway](#)
- [T cell receptor signaling pathway](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Lymphoma](#)

- [Lymphoproliferative Disorders](#)
- [Neoplasm Metastasis](#)
- [Neoplasms](#)
- [Occupational Diseases](#)
- [Testicular Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)