

CYCS / Cytochrome c Antibody (aa1-80, clone 7H8.2C12)
Mouse Monoclonal Antibody
Catalog # ALS12150**Specification**

CYCS / Cytochrome c Antibody (aa1-80, clone 7H8.2C12) - Product Information

Application	WB, IHC
Primary Accession	P99999
Reactivity	Human, Mouse, Rat, Hamster, Horse, Drosophila
Host	Mouse
Clonality	Monoclonal
Calculated MW	12kDa KDa

CYCS / Cytochrome c Antibody (aa1-80, clone 7H8.2C12) - Additional Information**Gene ID** 54205**Other Names**

Cytochrome c, CYCS, CYC

Target/Specificity

Synthetic peptides corresponding to amino acids 1-80, 81-104 and 66-104 of pigeon CYT were used as the immunogen (Jemmerson et al. 1991). The antibody recognizes an epitope within amino acids 93-104 of pigeon Cytochrome C.

Reconstitution & Storage

+4°C or -20°C, Avoid repeated freezing and thawing.

Precautions

CYCS / Cytochrome c Antibody (aa1-80, clone 7H8.2C12) is for research use only and not for use in diagnostic or therapeutic procedures.

CYCS / Cytochrome c Antibody (aa1-80, clone 7H8.2C12) - Protein Information**Name** CYCS**Synonyms** CYC**Function**

Electron carrier protein. The oxidized form of the cytochrome c heme group can accept an electron from the heme group of the cytochrome c1 subunit of cytochrome reductase. Cytochrome c then transfers this electron to the cytochrome oxidase complex, the final protein carrier in the mitochondrial electron-transport chain.

Cellular Location

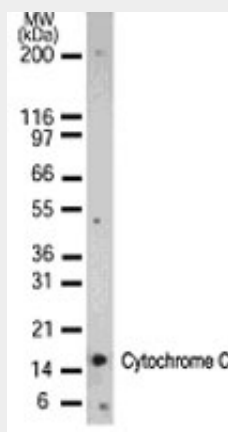
Mitochondrion intermembrane space. Note=Loosely associated with the inner membrane

CYCS / Cytochrome c Antibody (aa1-80, clone 7H8.2C12) - Protocols

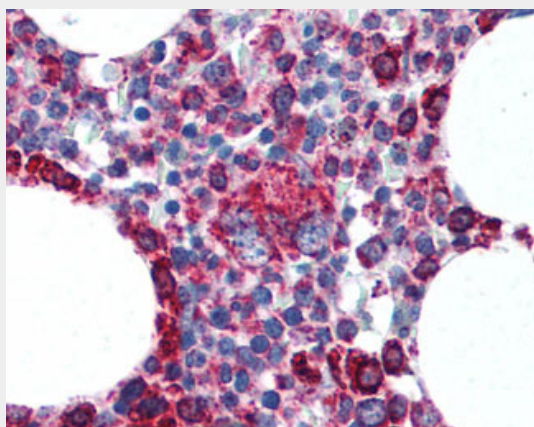
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CYCS / Cytochrome c Antibody (aa1-80, clone 7H8.2C12) - Images



Western blot detection of Cytochrome C in 15 ugs of HeLa cell lysate using antibody at 1:1000.



Anti-Cytochrome c antibody IHC of human bone marrow.

CYCS / Cytochrome c Antibody (aa1-80, clone 7H8.2C12) - Background

Electron carrier protein. The oxidized form of the cytochrome c heme group can accept an electron from the heme group of the cytochrome c1 subunit of cytochrome reductase. Cytochrome c then transfers this electron to the cytochrome oxidase complex, the final protein carrier in the mitochondrial electron-transport chain.

CYCS / Cytochrome c Antibody (aa1-80, clone 7H8.2C12) - References

Evans M.J.,et al.Proc. Natl. Acad. Sci. U.S.A. 85:9625-9629(1988).
Kalnina N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Hillier L.W.,et al.Nature 424:157-164(2003).