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SHMT / SHMT1 Antibody (clone 4F9)

Mouse Monoclonal Antibody
Catalog # ALS13395

Specification

SHMT / SHMT1 Antibody (clone 4F9) - Product Information

Application	**WB, IHC**
Primary Accession	P34896
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Calculated MW	**53kDa KDa**

SHMT / SHMT1 Antibody (clone 4F9) - Additional Information

Gene ID 6470

Other Names
Serine hydroxymethyltransferase, cytosolic, SHMT, 2.1.2.1, Glycine hydroxymethyltransferase, Serine methylase, SHMT1

Reconstitution & Storage
Store at -20°C. Aliquot to avoid freeze/thaw cycles.

Precautions
SHMT / SHMT1 Antibody (clone 4F9) is for research use only and not for use in diagnostic or therapeutic procedures.

SHMT / SHMT1 Antibody (clone 4F9) - Protein Information

Name SHMT1

Function
Interconversion of serine and glycine (PubMed:8505317, PubMed:24698160).

Cellular Location
Cytoplasm.

SHMT / SHMT1 Antibody (clone 4F9) - Protocols

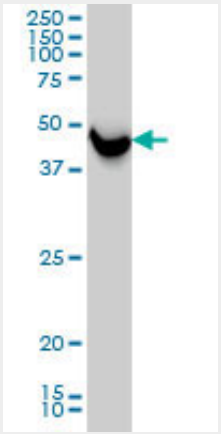
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides

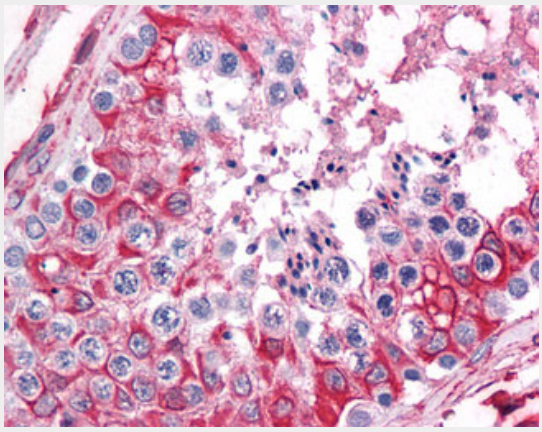
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- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SHMT / SHMT1 Antibody (clone 4F9) - Images



SHMT1 monoclonal antibody clone 4F9 Western blot of SHMT1 expression in HeLa.



Anti-SHMT1 antibody IHC of human testis.

SHMT / SHMT1 Antibody (clone 4F9) - Background

Interconversion of serine and glycine.

SHMT / SHMT1 Antibody (clone 4F9) - References

Garrow T.A.,et al.J. Biol. Chem. 268:11910-11916(1993).
Xu L.,et al.Submitted (JAN-1994) to the EMBL/GenBank/DDBJ databases.
Chave K.J.,et al.Biochem. Soc. Trans. 25:53-53(1997).
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Zody M.C.,et al.Nature 440:1045-1049(2006).