

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.

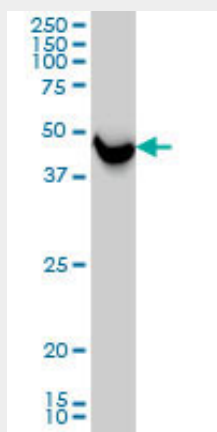
SHMT / SHMT1 Antibody (clone 4F9) - Protocols

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

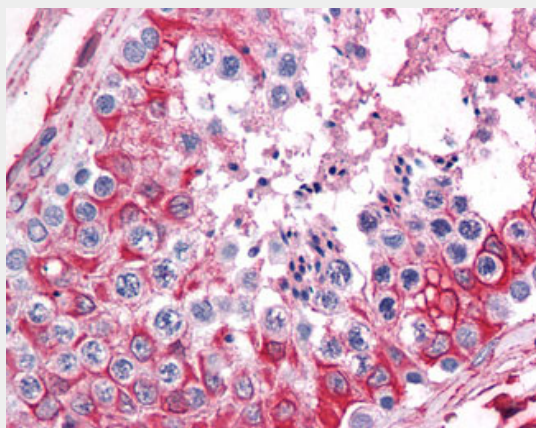
- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [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).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Zody M.C., et al. Nature 440:1045-1049(2006).