

SF1 Antibody (clone 2E12)
Mouse Monoclonal Antibody
Catalog # ALS13439

Specification

SF1 Antibody (clone 2E12) - Product Information

Application	IF, IHC
Primary Accession	Q15637
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	68kDa KDa

SF1 Antibody (clone 2E12) - Additional Information

Gene ID 7536

Other Names

Splicing factor 1, Mammalian branch point-binding protein, BBP, mBBP, Transcription factor ZFM1, Zinc finger gene in MEN1 locus, Zinc finger protein 162, SF1, ZFM1, ZNF162

Reconstitution & Storage

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

Precautions

SF1 Antibody (clone 2E12) is for research use only and not for use in diagnostic or therapeutic procedures.

SF1 Antibody (clone 2E12) - Protein Information

Name SF1

Synonyms ZFM1, ZNF162

Function

Necessary for the ATP-dependent first step of spliceosome assembly. Binds to the intron branch point sequence (BPS) 5'-UACUAAC-3' of the pre-mRNA. May act as transcription repressor.

Cellular Location

Nucleus.

Tissue Location

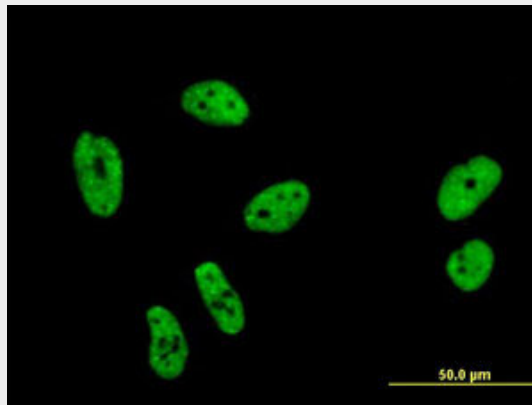
Detected in lung, ovary, adrenal gland, colon, kidney, muscle, pancreas, thyroid, placenta, brain, liver and heart

SF1 Antibody (clone 2E12) - Protocols

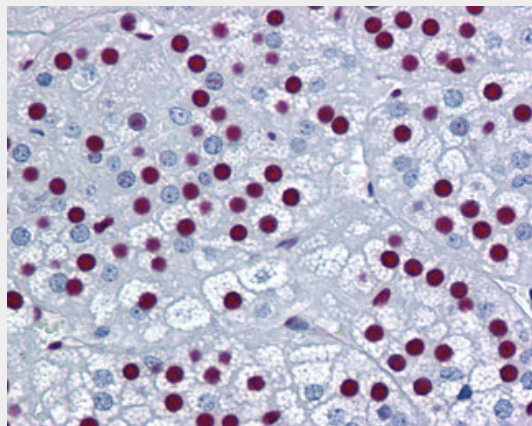
Provided below are standard protocols that you may find useful for product applications.

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

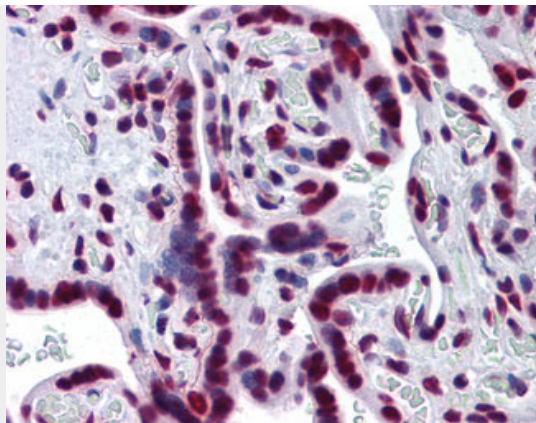
SF1 Antibody (clone 2E12) - Images



Immunofluorescence of monoclonal antibody to SF1 on HeLa cell (antibody concentration 10 ug/ml).



Anti-SF1 antibody IHC of human adrenal.



Anti-SF1 antibody IHC of human placenta.

SF1 Antibody (clone 2E12) - Background

Necessary for the ATP-dependent first step of spliceosome assembly. Binds to the intron branch point sequence (BPS) 5'-UACUAAC-3' of the pre-mRNA. May act as transcription repressor.

SF1 Antibody (clone 2E12) - References

Arning S.,et al.RNA 2:794-810(1996).
Caslini C.,et al.Genomics 42:268-277(1997).
Toda T.,et al.Hum. Mol. Genet. 3:465-470(1994).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Taylor T.D.,et al.Nature 440:497-500(2006).