

**Anti-CSE1L Antibody (clone 2F4)**  
**Mouse Anti Human Monoclonal Antibody**  
**Catalog # ALS17724****Specification**

---

**Anti-CSE1L Antibody (clone 2F4) - Product Information**

Application	WB, IHC-P, IF, E
Primary Accession	<a href="#">P55060</a>
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,k
Calculated MW	110417

**Anti-CSE1L Antibody (clone 2F4) - Additional Information****Gene ID** 1434

Alias Symbol	CSE1L
--------------	-------

**Other Names**  
CSE1L, CAS, CSE1, Exp2, Importin-alpha re-exporter, Exportin-2, XPO2

**Reconstitution & Storage**

Protein A purified

**Precautions**

Anti-CSE1L Antibody (clone 2F4) is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-CSE1L Antibody (clone 2F4) - Protein Information****Name** CSE1L**Synonyms** CAS {ECO:0000303|PubMed:7479798}, XPO2**Function**

Export receptor for importin-alpha. Mediates importin-alpha re-export from the nucleus to the cytoplasm after import substrates (cargos) have been released into the nucleoplasm. In the nucleus binds cooperatively to importin-alpha and to the GTPase Ran in its active GTP-bound form. Docking of this trimeric complex to the nuclear pore complex (NPC) is mediated through binding to nucleoporins. Upon transit of a nuclear export complex into the cytoplasm, disassembling of the complex and hydrolysis of Ran-GTP to Ran-GDP (induced by RANBP1 and RANGAP1, respectively) cause release of the importin-alpha from the export receptor. CSE1L/XPO2 then return to the nuclear compartment and mediate another round of transport. The directionality of nuclear export is thought to be conferred by an asymmetric distribution of the GTP- and GDP-bound forms of Ran between the cytoplasm and nucleus.

**Cellular Location**

Cytoplasm. Nucleus. Note=Shuttles between the nucleus and the cytoplasm.

**Tissue Location**

Detected in brain, placenta, ovary, testis and trachea (at protein level) (PubMed:10331944). Widely expressed (PubMed:10331944). Highly expressed in testis and in proliferating cells (PubMed:7479798, PubMed:10331944).

**Anti-CSE1L Antibody (clone 2F4) - 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](#)

**Anti-CSE1L Antibody (clone 2F4) - Images**