

## Datasheet

### CSE1L monoclonal antibody (M04), clone 2F4

**Catalog Number:** H00001434-M04

**Regulatory Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant CSE1L.

**Clone Name:** 2F4

**Immunogen:** CSE1L (NP\_001307, 872 a.a. ~ 971 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**

LIGLFELPEDDTIPDEEHFIDIEDTPGYQTAFSQLAFAGK  
KEHDPVGMVNNPKIHQAQSLHKLSTACPGRVPSMVS  
TSLNAEALQYLQGYLQAARVTL

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, IF, IHC-P, S-ELISA, WB-Ce, WB-Re

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Isotype:** IgG1 kappa

**Storage Buffer:** In 1x PBS, pH 7.4

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 1434

**Gene Symbol:** CSE1L

**Gene Alias:** CAS, CSE1, MGC117283, MGC130036, MGC130037, XPO2

**Gene Summary:** Proteins that carry a nuclear localization signal (NLS) are transported into the nucleus

by the importin-alpha/beta heterodimer. Importin-alpha binds the NLS, while importin-beta mediates translocation through the nuclear pore complex. After translocation, RanGTP binds importin-beta and displaces importin-alpha. Importin-alpha must then be returned to the cytoplasm, leaving the NLS protein behind. The protein encoded by this gene binds strongly to NLS-free importin-alpha, and this binding is released in the cytoplasm by the combined action of RANBP1 and RANGAP1. In addition, the encoded protein may play a role both in apoptosis and in cell proliferation. [provided by RefSeq]