Mouse CSE1L Monoclonal Antibody | anti-CSE1L antibody

CSE1L (CSE1 Chromosome Segregation 1-like (yeast), CAS, CSE1, MGC117283, MGC130036, MGC130037, XPO2) (PE)

CATALOG #	HOST	APPLICATIONS
AAA26588	**Mouse**	**Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

CSE1L; Monoclonal Antibody; CSE1L (CSE1 Chromosome Segregation 1-like (yeast); CAS; CSE1; MGC117283; MGC130036; MGC130037; XPO2) (PE); CSE1 Chromosome Segregation 1-like (yeast); XPO2; anti-CSE1L antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	3D8
Specificity	Recognizes CSE1L.
Purity/Purification	Purified
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Applicable Applications for anti-CSE1L antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	CSE1L (NP_001307, 872aa-971aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	LIGLFELPEDDTIPDEEHFIDIEDTPGYQTAFSQLAFAGKKEHDPVGQMVNNPKIHLAQSLHKLSTACPGRVPSMVSTSLNAEALQYLQGYLQAARVTLL
Conjugate	PE
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: PE conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.

IMAGES

Application Data
Detection limit for recombinant GST tagged CSE1L is approximately 3ng/ml as a capture antibody.

WB (Western Blot)
CSE1L monoclonal antibody (M08), clone 3D8 Western Blot analysis of CSE1L expression in Hela S3 NE (Cat # L013V3).

IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to CSE1L on HeLa cell. [antibody concentration 10 ug/ml]

IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to CSE1L on HeLa cell. [antibody concentration 10 ug/ml]

IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to CSE1L on formalin-fixed paraffin-embedded human prostate. [antibody concentration 3 ug/ml]

Application Data
Immunoperoxidase of monoclonal antibody to CSE1L on formalin-fixed paraffin-embedded human prostate. [antibody concentration 3 ug/ml]

ADDITIONAL INFORMATION

Related Product Information for anti-CSE1L antibody	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]
Product Categories/Family for anti-CSE1L antibody	Antibodies; Apoptosis
References	1. CSE1L modulates Ras-induced cancer cell invasion: correlation of K-Ras mutation and CSE1L expression in colorectal cancer progression.Jiang MC, Yeh CM, Tai CJ, Chen HC, Lin SH, Su TC, Shen SC, Lee WR, Liao CF, Li LT, Lee CH, Chen YC, Yeh KT, Chang CCAm J Surg. 2013 Jun 24. pii: S0002-9610(13)00247-X. doi: 10.1016/j.amjsurg.2012.11. 021. 2.MIR-137 Suppresses Growth and Invasion, is Downregulated in Oligodendroglial Tumors and Targets CSE1L.Li KK, Yang L, Pang JC, Chan AK, Zhou L, Mao Y, Wang Y, Lau KM, Poon WS, Shi Z, Ng HK.Brain Pathol. 2012 Dec 17. doi: 10.1111/bpa.12015. 3.The prognostic significance of nuclear CSE1L in urinary bladder urothelial carcinomas.Chang CC, Tai CJ, Su TC, Shen KH, Lin SH, Yeh CM, Yeh KT, Lin YM, Jiang MC.Ann Diagn Pathol. 2012 Apr 2. 4. Differential distributions of CSE1L/CAS and E-cadherin in the polarized and non-polarized epithelial glands of neoplastic colorectal epithelium.Uen WC, Tai CJ, Shen SC, Lee WR, Tsao TY, Deng WP, Chiou HY, Hsu CH, Hsieh CI, Liao CF, Jiang MC.J Mol Histol. 2010 Aug 24. 5. Serum Cellular Apoptosis Susceptibility Protein Is a Potential Prognostic Marker for Metastatic Colorectal Cancer.Stella Tsai CS, Chen HC, Tung JN, Tsou SS, Tsao TY, Liao CF, Chen YC, Yeh CY, Yeh KT, Jiang MC.Am J Pathol. 2010 Apr;176(4):1619-28. Epub 2010 Feb 11. 6. Higher Prevalence of Secretory CSE1L/CAS in Sera of Patients with Metastatic Cancer.Tung MC, Tsai CS, Tung JN, Tsao TY, Chen HC, Yeh KT, Liao CF, Jiang MC.Cancer Epidemiol Biomarkers Prev. 2009 May;18(5):1570-7. Epub 2009 Apr 21. 7.Function of CSE1L/CAS in the secretion of HT-29 human colorectal cells and its expression in human colon. Tsao TY, Tsai CS, Tung JN, Chen SL, Yue CH, Liao CF, Wang CC, Jiang MC.Mol Cell Biochem. 2009 Jul;327(1-2):163-70. Epub 2009 Feb 18.

NCBI AND UNIPROT INFORMATION

NCBI GI #	29029559
NCBI GeneID	1434
NCBI Accession #	NP_001307
NCBI GenBank Nucleotide #	NM_001316
UniProt Accession #	P55060; O75432; Q32M40; Q9H5B7; Q9NTS0; Q9UP98; Q9UP99; Q9UPA0; A3RLL6; B2R5T4; E1P5Y0; F8W904
Molecular Weight	103,879 Da
NCBI Official Full Name	exportin-2 isoform 1
NCBI Official Synonym Full Names	CSE1 chromosome segregation 1-like (yeast)

NCBI Official Symbol	CSE1L
NCBI Official Synonym Symbols	CAS; CSE1; XPO2
NCBI Protein Information	exportin-2; cellular apoptosis susceptibility protein; chromosome segregation 1-like protein; exp2; importin-alpha re-exporter
UniProt Protein Name	Exportin-2
UniProt Gene Name	**CSE1L**
UniProt Synonym Gene Names	CAS; XPO2; Exp2
UniProt Entry Name	XPO2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/cse1l-antibody-clone-3d8-immunofluorescence-immunohistochemistry-western-blot-elisa/26588