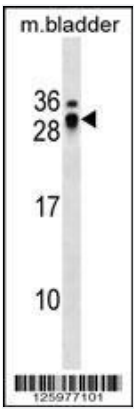
ECSCR Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ECSCR, Polyclonal Antibody
Full Product Name	ECSCR, CT (ECSCR, ECSM2, Endothelial cell-specific chemotaxis regulator, Endothelial cell-specific molecule 2) (Biotin)
Product Gene Name	anti-ECSCR antibody
Product Synonym Names	ECSCR; ECSM2; Endothelial cell-specific chemotaxis regulator; Endothelial cell-specific molecule 2
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	21,295 Da
3D Structure	ModBase 3D Structure for Q19T08
Immunogen	ECSCR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 136-165 amino acids from the C-terminal region of human ECSCR.
Conjugate	Biotin
Note	Preservative Free
Product Categories/Family for anti-ECSCR antibody	Antibodies; Proteins
Applications Tested/Suitable for anti-ECSCR antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-ECSCR antibody	WB: 1:100-500 ELISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-ECSCR antibody	The protein encoded by this gene is primarily found in endothelial cells and blood vessels, where it may be involved in cell shape changes and EGF-induced cell migration. This gene could play a role in angiogenesis-related diseases.
Product References and Citations for anti-ECSCR antibody	Ikeda, K., et al. Proc. Natl. Acad. Sci. U.S.A. 106(20):8227-8232(2009). Ma, F., et al. Genes Cells 14(3):281-293(2009). Graubert, T.A., et al. PLoS ONE 4 (2), E4583 (2009): Armstrong, L.J., et al. Arterioscler. Thromb. Vasc. Biol. 28(9):1640-1646(2008).
Other Notes	Small volumes of anti-ECSCR antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for ECSCR purchase	MBS6294271 is an antibody targeting ECSCR. Also known as ECSCR, CT (ECSCR, ECSM2, Endothelial cell-specific chemotaxis regulator, Endothelial cell-specific molecule 2) (Biotin). Reactive in Human, Mouse. Host: Rabbit.



Western Blot (WB) of anti-ECSCR antibody
ECSCR Antibody (C-term) western blot analysis in mouse bladder tissue lysates (35ug/lane).This demonstrates the ECSCR antibody detected the ECSCR protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ECSCR. It may not necessarily be applicable to this product.

NCBI GI #	118130809
NCBI GeneID	641700
NCBI Accession #	NP_001071161.1
UniProt Primary Accession #	Q19T08
UniProt Secondary Accession #	B4E3H7; C3RSF2
UniProt Related Accession #	Q19T08
GenBank Nucleotide #	NM_001077693.3
NCBI Official Full Name	endothelial cell-specific chemotaxis regulator isoform 1
NCBI Official Synonym Full Names	endothelial cell surface expressed chemotaxis and apoptosis regulator
NCBI Official Symbol	ECSCR
NCBI Official Synonym Symbols	ARIA; ECSM2
UniProt Protein Name	Endothelial cell-specific chemotaxis regulator
UniProt Synonym Protein Names	Apoptosis regulator through modulating IAP expression; ARIA; Endothelial cell-specific molecule 2
Protein Family	Endothelial cell-specific chemotaxis regulator
UniProt Gene Name	ECSCR
UniProt Synonym Gene Names	ECSM2; ARIA
UniProt Entry Name	ECSCR_HUMAN
NCBI Protein Information	endothelial cell-specific chemotaxis regulator
NCBI Summary for ECSCR	The protein encoded by this gene is primarily found in endothelial cells and blood vessels, where it is involved in cell shape changes and EGF-induced cell migration. It can enhance the activation of vascular endothelial growth factor receptor-2/kinase insert domain receptor and also promote the proteolysis of internalized kinase insert domain receptor. This gene may play a role in angiogenesis-related diseases. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2014]

UniProt Comments for ECSCR	ECSM2: Regulates endothelial chemotaxis and tube formation. Has a role in angiogenesis via modulation of the actin cytoskeleton. Belongs to the ECSCR family. Protein type: Membrane protein, integral Chromosomal Location of Human Ortholog: 5q31.2 Cellular Component: cytoplasm; plasma membrane; integral to membrane Biological Process: apoptosis; angiogenesis; cell differentiation; chemotaxis
Research Articles on ECSCR	**1.** identification of three novel full-length splice variants potentially encoding different protein isoforms
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