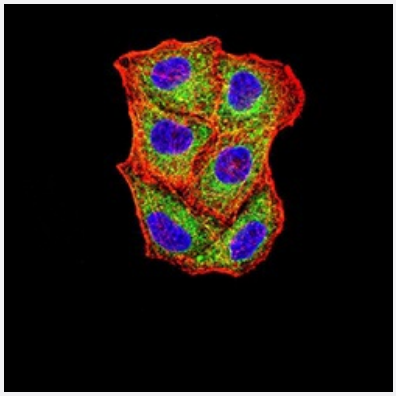
SELS monoclonal antibody, clone 5G4A10

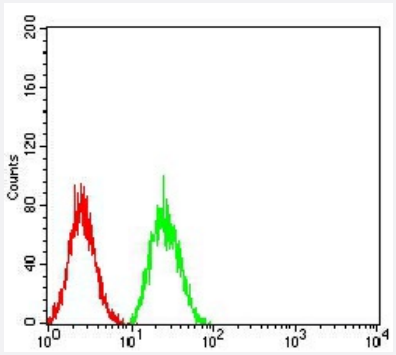
Catalog # MAB17236 Size 100 ug

Applications



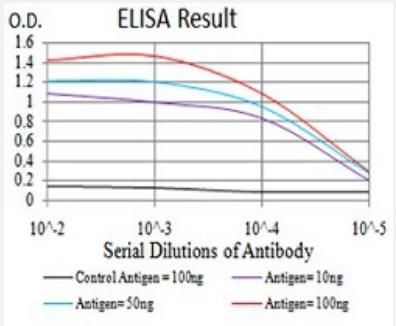
Immunocytochemistry

Immunocytochemical staining of HeLa cells with SELS monoclonal antibody (green). DRAQ5 fluorescent DNA dye (blue). Actin filaments have been labeled with Alexa Fluor- 555 phalloidin (red).



Flow Cytometry

Flow cytometric analysis of HeLa cells with SELS monoclonal antibody (green) and negative control (red).



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of SELS monoclonal antibody, clone 5G4A10.

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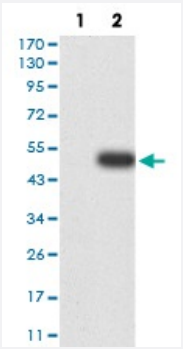

Western Blot (Transfected lysate)

Western Blot analysis of (1) HEK293 cells, (2) SELS-hIgGFc transfected HEK293 cell lysate.

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human SELS.
Immunogen	Recombinant protein corresponding to amino acid 1-187 of human SELS from *E. coli*.
Host	Mouse
Theoretical MW (kDa)	21.2kDa
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunohistochemistry Immunocytochemistry (1:50-1:250) Flow Cytometry (1:200-1:400) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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Gene Info — SELS

Entrez GeneID	55829
Gene Name	SELS
Gene Alias	AD-015, ADO15, MGC104346, MGC2553, SBBI8, SEPS1, VIMP
Gene Description	selenoprotein S
Omim ID	607918
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a selenoprotein, which contains a selenocysteine (Sec) residue at its active si te. The selenocysteine is encoded by the UGA codon that normally signals translation termination. The 3' UTR of selenoprotein genes have a common stem-loop structure, the sec insertion sequen ce (SECIS), that is necessary for the recognition of UGA as a Sec codon rather than as a stop sig nal. Studies suggest that this protein may regulate cytokine production, and thus play a key role in the control of the inflammatory response. Two alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq
Other Designations	VCP-interacting membrane

Disease

- Arthritis
- Atherosclerosis

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- Calcinosis
- Cardiovascular Diseases
- Colorectal Neoplasms
- Coronary Artery Disease
- Coronary Disease
- Genetic Predisposition to Disease
- Helicobacter Infections
- Inflammation
- Metabolic Diseases
- Obesity
- Osteoarthritis
- Pre-Eclampsia
- Stomach Neoplasms

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