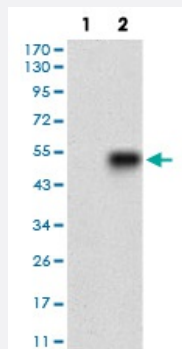


SMCP monoclonal antibody, clone 5C10A2

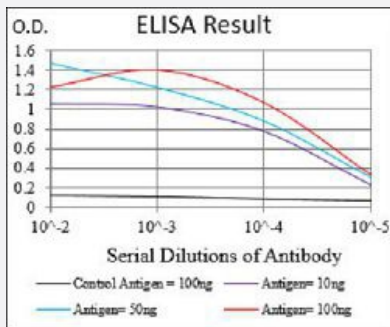
Catalog # MAB17789 Size 100 ug

Applications



Western Blot (Transfected lysate)

Western blot analysis of (1) HEK293 cells, (2) SMCP-hlgGfC transfected HEK293 cell lysate with SMCP monoclonal antibody.



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of SMCP monoclonal antibody, clone 5C10A2.

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human SMCP.
Immunogen	Recombinant protein corresponding to amino acids 1-116 of human SMCP from <i>E. coli</i> .
Host	Mouse
Theoretical MW (kDa)	12.8
Reactivity	Human
Form	Liquid
Isotype	IgG2b

Recommend Usage	ELISA (1:10000) Flow Cytometry Immunocytochemistry Immunohistochemistry Western Blot (1:500-1:2000) 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 should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western blot analysis of (1) HEK293 cells, (2) SMCP-hlgGFc transfected HEK293 cell lysate with SMCP monoclonal antibody.

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of SMCP monoclonal antibody, clone 5C10A2.

Gene Info — SMCP

Entrez GeneID	4184
Gene Name	SMCP
Gene Alias	HSMCSGEN1, MCS, MCSP, MGC26305, MGC26519
Gene Description	sperm mitochondria-associated cysteine-rich protein
Omim ID	601148
Gene Ontology	Hyperlink
Gene Summary	<p>Sperm mitochondria differ in morphology and subcellular localization from those of somatic cells. They are elongated, flattened, and arranged circumferentially to form a helical coiled sheath in the midpiece of the sperm flagellum. The protein encoded by this gene localizes to the capsule associated with the mitochondrial outer membranes and is thought to function in the organization and stabilization of the helical structure of the sperm's mitochondrial sheath. [provided by RefSeq]</p>
Other Designations	OTTHUMP00000014403 mitochondrial capsule selenoprotein