

For Research Use Only

STEAP4 Monoclonal antibody, PBS Only



Catalog Number: 68465-1-PBS

Basic Information

Catalog Number: 68465-1-PBS	GenBank Accession Number: BC020600	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 79689	CloneNo.: 2A12G6
Source: Mouse	UNIPROT ID: Q687X5	
Isotype: IgG1	Full Name: STEAP family member 4	
Immunogen Catalog Number: AG30137	Calculated MW: 52 kDa	
	Observed MW: 52 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
Human

Background Information

STEAP4 (also called STAMP2), is a member of the STEAP family. Structurally, It is a 459 amino acid protein characterized by a molecular topology of six transmembrane domains. The cytoplasmic N-terminal domain of STEAP4 shows structural similarity with bacterial and archaeal FNO oxidoreductase and STEAP4 exhibits a strong iron reductase activity. Studies in mice and human suggest that STEAP4 maybe involved in adipocyte development and metabolism, and may contribute to the normal biology of the prostate cell, as well as prostate cancer progression.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only

For technical support and original validation data for this product please contact:

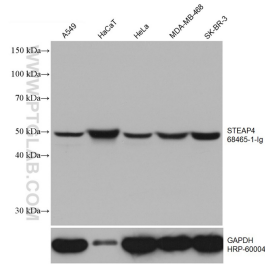
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68465-1-Ig (STEAP4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control. This data was developed using the same antibody clone with 68465-1-PBS in a different storage buffer formulation.