

# ARID4B Monoclonal antibody, PBS Only

Catalog Number: 67384-1-PBS

## Basic Information

Catalog Number: 67384-1-PBS	GenBank Accession Number: BC130418	Purification Method: Protein G purification
Size: 1 mg/ml	GeneID (NCBI): 51742	CloneNo.: 1H3E2
Source: Mouse	UNIPROT ID: Q4LE39	
Isotype: IgG1	Full Name: AT rich interactive domain 4B (RBP1-like)	
Immunogen Catalog Number: AG21485	Calculated MW: 1312 aa, 148 kDa	

## Applications

Tested Applications:  
WB, Indirect ELISA

Species Specificity:  
Human

## Background Information

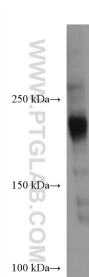
ARID4B, also named as BRCA1 or SAP180, is a 1312 amino acid protein, which contains one ARID domain. ARID4B localizes in the nucleus and cytoplasm. ARID4B as a transcription repressor may function in the assembly and/or enzymatic activity of the Sin3A corepressor complex or in mediating interactions between the complex and other regulatory complexes. ARID4B is highly expressed in the testis and in breast, lung, colon, pancreatic and ovarian cancers. Expressed at low levels in the thymus, prostate and ovary.

## Storage

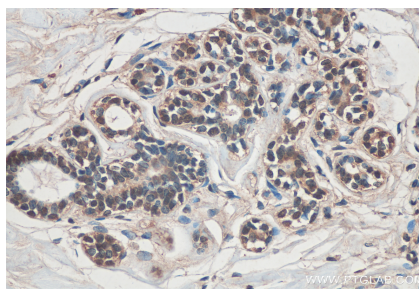
Storage:  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:  
PBS Only

## Selected Validation Data



T-47D cells were subjected to SDS PAGE followed by western blot with 67384-1-Ig (ARID4B antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67384-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67384-1-Ig (ARID4B antibody) at dilution of 1:1000 (under 0x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67384-1-PBS in a different storage buffer formulation.