PBX1 Monoclonal antibody, PBS Only (Detector)

Catalog Number:67013-1-PBS

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
67013-1-PBS

Size:
100ug , Concentration: 1mg/ml by Nanodrop;

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG12535

GenBank Accession Number:
BC101578

GeneID (NCBI):
5087

UNIPROT ID:
P40424

Full Name:
pre-B-cell leukemia homeobox 1

Calculated MW:
430 aa, 47 kDa

Purification Method:
Protein G purification

CloneNo.:
3C5E2

Applications

Tested Applications:
WB, Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

67013-1-PBS targets PBX1 as part of a matched antibody pair:

MP50420-1: 67013-2-PBS capture and 67013-1-PBS detection (validated in Cytometric bead array)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications.Antibody use should be optimized by the end user for each application and assay.

Background Information

PBX1, also named as Pre-B-cell leukemia transcription factor 1, is a 430 amino acid protein, which belongs to the TALE/PBX homeobox family. PBX1 is expressed in all tissues except in cells of the B and T lineage. PBX1 acts as a transcriptional activator of PF4 in complex with MEIS1. PBX1 may have a role in steroidogenesis and, subsequently, sexual development and differentiation. Isoform PBX1b as part of a PDX1:PBX1b:MEIS2b complex in pancreatic acinar cells is involved in the transcriptional activation of the ELA1 enhancer.
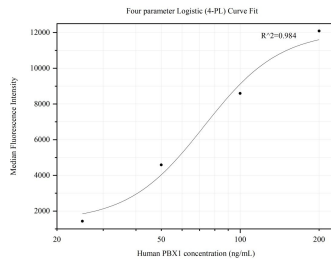
Storage

Storage:
Store at -80℃.
Storage Buffer:
PBS Only

Cytometric bead array standard curve of MP50420-1, PBX1 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 67013-2-PBS. Detection antibody: 67013-1-PBS. Standard:Ag12535. Range: 25-200 ng/mL.