

Product datasheet

Anti-Prostate Cell Surface Antigen antibody [5E10] ab64302

Overview

Product name	Anti-Prostate Cell Surface Antigen antibody [5E10]
Description	Mouse monoclonal [5E10] to Prostate Cell Surface Antigen
Host species	Mouse
Specificity	This antibody reacts with DU145, ND1, PC3 and ALV31 cell lines. No reactivity with LNCaP and JCA1 cell lines. The clone number has been updated from (2Q458) to (5E10) both clone numbers name the same antibody clone.
Tested applications	Suitable for: WB, IHC-Fr, Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	Tissue/ cell preparation (Human): live cells of six human prostatic carcinoma cell lines, ALVA31, DU145, JCA1, LNCaP, ND1 and PC3.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Add glycerol to a final volume of 50% for extra stability and aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.1% Sodium Azide Constituents: PBS, pH 7.6
Purity	Protein A purified
Clonality	Monoclonal
Clone number	5E10
Isotype	IgG1

Applications

Our [Abpromise guarantee](#) covers the use of **ab64302** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Predicted molecular weight: 110 kDa.
IHC-Fr		Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration. Cells should be treated with phospholipase C before staining.

[ab170190](#) - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

Target

Relevance A cell surface transmembrane glycoprotein of human prostate epithelial cells.

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