Datasheet for ABIN6189983

anti-TCP1 alpha/CCTA antibody (Biotin)

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Overview

Quantity:	100 µL
Target:	TCP1 alpha/CCTA (TCP1)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TCP1 alpha/CCTA antibody is conjugated to Biotin
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	Rabbit Polyclonal anti-p63 Biotin Conjugate
Immunogen:	Recombinant human p63 protein fragment (exact sequence is proprietary)
Isotype:	IgG kappa
Characteristics:	p63 is a homolog of the tumor suppressor p53. It is identified in basal cells in the epithelial layers of a variety of tissues, including epidermis, cervix, urothelium, breast and prostate. p63 was detected in nuclei of the basal epithelium in normal prostate glands, however, it was not expressed in malignant tumors of the prostate. As a result, p63 has been reported as a useful marker for differentiating benign from malignant lesions in the prostate, particularly when used in combination with markers of high molecular weight cytokeratins and the prostate-specific marker AMACR (P504S). p63 has also been shown to be a sensitive marker for lung squamous cell carcinomas (SqCC), with a sensitivity of ~90 % . Specificity for lung SqCC, vs. lung adenocarcinoma (LADC), is approximately 80 %. In breast tissue, p63 has been identified in myoepithelial cells of normal ducts. Primary antibodies are available purified, or with a selection

Product Details

	of fluorescent CF® dyes and other labels. CF® dyes offer exceptional brightness and photostability. Note: Conjugates of blue fluorescent dyes like CF®405S and CF®405M are not recommended for detecting low abundance targets, because blue dyes have lower fluorescence and can give higher non-specific background than other dye colors.

Target Details

Target:	TCP1 alpha/CCTA (TCP1)
Alternative Name:	p63 (TCP1 Products)
Molecular Weight:	63 kDa
Gene ID:	8626, 137569
UniProt:	Q9H3D4

Application Details

Application Notes:	Immunohistology (formalin) 1-2 µg/mL • Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 min • Flow Cytometry 0.5-1 µg/million cells/0.1 mL • Immunofluorescence 1-2 µg/mL • Optimal dilution for a specific application should be determined by user
Comment:	HEK293 cells or Prostate Carcinoma or Lung or bladder squamous cell carcinoma
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	100 µg/mL
Buffer:	PBS/0.1 % BSA/0.05 % azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.