

Datasheet for ABIN6189978

## anti-TCP1 alpha/CCTA antibody (CF®594)



[Go to Product page](#)

### Overview

|              |                                                                            |
|--------------|----------------------------------------------------------------------------|
| Quantity:    | 100 µL                                                                     |
| Target:      | TCP1 alpha/CCTA (TCP1)                                                     |
| Reactivity:  | Human                                                                      |
| Host:        | Rabbit                                                                     |
| Clonality:   | Polyclonal                                                                 |
| Conjugate:   | This TCP1 alpha/CCTA antibody is conjugated to CF®594                      |
| Application: | Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS) |

### Product Details

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:         | Rabbit Polyclonal anti-p63 CF594 Conjugate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Immunogen:       | Recombinant human p63 protein fragment (exact sequence is proprietary)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Isotype:         | IgG kappa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Characteristics: | <p>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</p> |

## 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.

Handling Advice: Protect from light