

Datasheet for ABIN7656179

anti-KRT4 antibody (AA 181-292) (CF®647)



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Overview

Quantity:	100 µL
Target:	KRT4
Binding Specificity:	AA 181-292
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This KRT4 antibody is conjugated to CF®647
Application:	Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunofluorescence (IF), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Cytokeratin 4 (KRT4)(KRT4/2804), CF647 conjugate
Immunogen:	Recombinant fragment (around aa 181-292) of human KRT4 protein
Clone:	KRT4-2804
Isotype:	IgG1, kappa
Characteristics:	Cytokeratin 4 (KRT4) is an intermediate filament protein associated with Cytokeratin 13 (KRT13). It is expressed in suprabasal cells of non-keratinized stratified squamous epithelium of esophagus, cornea, anus, larynx, pharynx and tongue. Decreased expression of KRT4 is associated with head and neck squamous carcinoma. It is helpful in differentiation of squamous cell carcinoma of esophagus origin from that of thyroid origin. Primary antibodies are available purified, or with a selection of fluorescent CF® Dyes and other labels. CF® Dyes

Product Details

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:	KRT4
Alternative Name:	Keratin 4
Background:	Synonyms: CK4, CYK4, Cytokeratin 4, Keratin 4, Keratin type II cytoskeletal 4, KRT4 Gene Symbol: KRT4 Tissue Expression: Epithelial cells Eye
Molecular Weight:	67 kDa
Gene ID:	3851
UniProt:	P19013

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Positive Control: HeLa, A549 or A431 cells. Skin, Cervix or Esophagus.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.1 mg/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
Storage:	4 °C
Storage Comment:	Stable at room temperature or 37°C for 7 days.

Handling

Protect from light
Store at 2 to 8°C. Protect fluorescent conjugates from light

Expiry Date: 24 months