

Datasheet for ABIN6937710
anti-KRT4 antibody (AA 181-292)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	KRT4
Binding Specificity:	AA 181-292
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This KRT4 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunofluorescence (IF), Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

Product Details

Immunogen:	Recombinant fragment (around aa 181-292) of human KRT4 protein (exact sequence is proprietary)
Clone:	KRT4-2804
Isotype:	IgG1 kappa
Specificity:	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.
Cross-Reactivity (Details):	Human.

Product Details

Purification: 1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target:	KRT4
Alternative Name:	KRT4 (KRT4 Products)
Background:	CK4, CYK4, Cytokeratin 4, Keratin 4, Keratin type II cytoskeletal 4, KRT4,Cytokeratin 4 (KRT4) Cellular localisation: Cytoplasmic and Cell Surface
Molecular Weight:	67kDa
Gene ID:	3851, 654610, 706527
UniProt:	P19013

Application Details

Application Notes:	Known_Application: Flow Cytometry (1-2 µg/million cells), Immunofluorescence (1-2 µg/mL), Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 min at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes), Optimal dilution for a specific application should be determined. Positive_Control: HeLa, A549 or A431 cells. Skin, Cervix or Esophagus.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Prepared in 10 mM PBS, WITHOUT BSA and Azide.
Preservative:	Azide free
Storage:	-20 °C,-80 °C
Storage Comment:	Antibody without azide store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.
Expiry Date:	24 months