Product datasheet

anti-Keratin 14 mouse monoclonal, EBS-IF-004, purified

Short overview

Cat. No.	691658
Quantity	1 ml (100 µg/ml)
Concentration	100 µg/ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgM kappa
Clone	EBS-IF-004
Immunogen	AA 459-472 at the carboxyterminal end of human cytokeratin 14, conjugated to KLH
Formulation	PBS with 0.02% sodium azide
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage	2-8°C
Intended use	Research use only
Application	FACS, ICC/IF, IHC, WB
Reactivity	Cat, Human, Pig, Rat

Applications

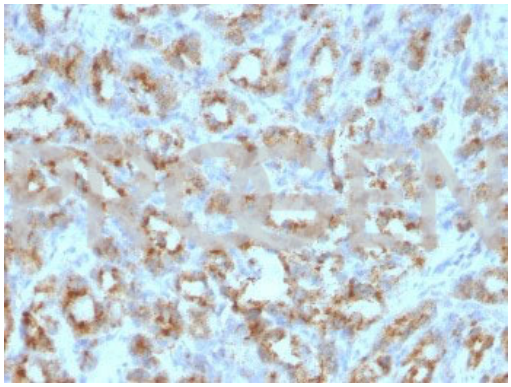
Flow Cytometry (FACS)	1-2 µg/million cells in 0.1 ml, fix cells in 4% PFA for 10 min at 4°C, permeabilize with 0.2% saponin or digitonin for 15 min at 4°C
Immunocytochemistry (ICC)	1:50-1:100 (1-2 µg/ml)
Immunohistochemistry (IHC) - frozen	1:25-1:50 (2-4 µg/ml)
Immunohistochemistry (IHC) - paraffin	1:25-1:50 (2-4 µg/ml; microwave treatment in 10 mM citrate buffer pH 6.0 recommended)
Western Blot (WB)	1:50-1:100 (1-2 µg/ml)

Background

EBS-IF-004 reacts specifically with keratin 14 (50 kDa) in immunoblotting. In tissue sections EBS-IF-004 is positive with basal cells of non-keratinizing stratified epithelia, basal cells and suprabasal cells of the epidermis and gingiva, myoepithelial cells and squamous cell carcinomas.

Positive control: skin.

Product images



Human prostate