# Product datasheet

## anti-Keratin 14+17 mouse monoclonal, EBS-IF-005, purified

## Short overview

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|---|---|
| **Cat. No.** | 691659 |
| **Quantity** | 1 ml (100 µg/ml) |
| **Concentration** | 100 µg/ml |

## Product description

| | |
|---|---|
| **Host** | Mouse |
| **Antibody Type** | Monoclonal |
| **Isotype** | IgM kappa |
| **Clone** | EBS-IF-005 |
| **Immunogen** | Cytokeratin-enriched extract of human ectocervical epithelium |
| **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, Dog, Human, Pig |

## Applications

| | |
|---|---|
| **Flow Cytometry (FACS)** | 0.5-1.0 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)** | 1:100-1:200 (0.5-1 µg/ml) |
| **Immunohistochemistry (IHC) - frozen** | 1:50-1:100 (1-2 µg/ml) |
| **Western Blot (WB)** | 1:100-1:200 (0.5-1 µg/ml) |

## Background

EBS-IF-005 reacts in immunoblotting specifically with keratin 14 (50 kDa). In tissue sections EBS-IF-005 is positive on 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

Dog breast cancer