

Anti-Keratin19 [BA16]

Catalogue number: 151076

Sub-type: Primary antibody

Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Keratin19 [BA16]

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: Keratins are a family of intermediate filament proteins that assemble into filaments through forming heterodimers of one type I keratin (keratins 9 to 23) and one type II keratin (keratins 1 to 8). Keratins demonstrate tissue and differentiation specific expression profiles. Keratin 19 (a cytokeratin) is the smallest human keratin and is found in many simple and some non-keratinising stratified squamous epithelia. The degree of keratin 19 positivity in breast cancer distinguishes malignant from benign tumours. Keratin 19 is often co-expressed with keratin 7.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: Detergent-insoluble extract of human mammary epithelial organoids.

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Keratin 19

Target alternate names:

Target background: Keratins are a family of intermediate filament proteins that assemble into filaments through forming heterodimers of one type I keratin (keratins 9 to 23) and one type II keratin (keratins 1 to 8). Keratins demonstrate tissue and differentiation specific expression profiles. Keratin 19 (a cytokeratin) is the smallest human keratin and is found in many simple and some non-keratinising stratified squamous epithelia. The degree of keratin 19 positivity in breast cancer distinguishes malignant from benign tumours. Keratin 19 is often co-expressed with keratin 7.

Molecular weight: 40 kDa

Ic50:

Applications

Application: FACS ; IHC ; IF ; WB

Application notes:

Handling

Format: Liquid

Concentration: 1 mg/ml

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer: PBS with 0.02% azide

Storage conditions: -15° C to -25° C

Shipping conditions: Shipping at 4° C

Related tools

Related tools: Anti-EpCAM, Recombinant [AUA1]

References

References: Hsia et al. 2016. Proc Natl Acad Sci U S A. :. PMID: 27036009. ; Myofibroblasts are distinguished from activated skin fibroblasts by the expression of AOC3 and other associated markers. ; Screening of carcinoma metastasis by flow cytometry: A study of 238 cases. ; Acosta et al. 2015. Cytometry B Clin Cytom. :. PMID: 26054018. ; Yeung et al. 2013. Br J Cancer. 108(10):2106-15. PMID: 23652304. ; Myofibroblast activation in colorectal cancer lymph node metastases. ; Yeung et al. 2010. Proc Natl Acad Sci U S A. 107(8):3722-7. PMID: 20133591. ; Cancer stem cells from colorectal cancer-derived cell lines. ; Gaster et al. 2009. Nat Med. 15(11):1327-32. PMID: 19820717. ; Matrix-insensitive protein assays push the limits of biosensors in medicine. ; Ntouroupi et al. 2008. Br J Cancer. 99(5):789-95. PMID: 18682708. ; Detection of circulating tumour cells in peripheral blood with an automated scanning fluorescence microscope. ; Shaw et al. 2008. Cancer Cell Int. 8:3. PMID: 18348720. ; Inhibition of androgen-independent prostate cancer cell growth is enhanced by combination therapy targeting Hedgehog and ErbB signalling. ; Moss et al. 1988. Lung Cancer. 4, 76-78. ; Epenetos et al. 1982. Lancet. 2(8306):1004-6. PMID: 6127499. ; Use of two epithelium-specific monoclonal antibodies for diagnosis of malignancy in serous effusions. ; Epenetos et al. 1982. Br J Cancer. 46(1):1-8. PMID: 7104190. ; Detection of human cancer in an animal model using radio-labelled tumour-associated monoclonal antibodies.