

Anti-Keratin 5/6/18 [LP34]

Catalogue number: 151125

Sub-type: Primary antibody

Images: https://res.cloudinary.com/ximbio/image/upload/c_fit/4fe88947-d7b2-4016-9627-0d77843cd9db.jpg

Contributor

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Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Keratin 5/6/18 [LP34]

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: Monoclonal antibody with broad reactivity against human keratins 5,6 and 18.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: Detergent-insoluble fraction of psoriatic human epidermis

Immunogen UNIPROT ID: P05783

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls: Human skin

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Keratin 5/6/18 (pan-epithelial)

Target alternate names:

Target background: Keratins 5, 6 are members of type II keratins family that are specifically expressed in the inner root sheath of hair follicles. Keratins demonstrate tissue and differentiation specific expression profiles. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains co-expressed during differentiation of simple and stratified epithelial tissues. Keratin 18 is member of the type I intermediate filament chain keratin 18. Keratin 18, together with its filament partner keratin 8, are perhaps the most commonly found members of the intermediate filament gene family. These cytokeratins have been reported to be expressed in tumour cells of epithelial origin and less commonly of mesothelial origin, however non-epithelial tumours, e.g. lymphomas, do not express these cytokeratins. Anti-keratin 5/6/18 (LP34) shows a broad pattern of reactivity with human epithelial tissues, from simple glandular epithelia to stratified squamous epithelia. Epithelial cells are labelled whether they are ectodermal, mesodermal, or endodermal in origin. However, the recognition of cytokeratin 18 on paraffin sections using this antibody may be variable.

Molecular weight: 10 kDa

Ic50:

Applications

Application: ELISA ; 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: Store at -20° C frozen. Avoid repeated freeze / thaw cycles

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References:

CancerTools.org