Medaysis
Enable Innovation

DATA SHEET

Mouse Anti-Cytokeratin Cocktail [AE1&AE3]: MC0115, MC115RTU7

Intended Use: For Research Use Only

Description: The antibody cocktail labels simple epithelia and their tumors including cytokeratins expressed in complex stratified squamous epithelia. Positive results aid in the classification of normal and a wide range of neoplastic tissues as epithelial in origin. This antibody serves as first tier antibody for differentiation of undifferentiated neoplasm. Pan Cytokeratin clone AE1/AE3 antibody may be used with a panel of antibodies for differential diagnosis, e.g. Breast vs. lung or liver: CK7, AE1/AE3, CEA, GCDFP-15, TTF-1; Renal vs. lung or liver: AE1/AE3, CEA, TTF-1, Renal Cell Ag; Seminoma vs. lung or liver: CAM5.2, AE1/AE3, PLAP, EMA, CD30; Embryonal germ cell vs. lung or liver: AE1/AE3, TTF-1, CK7, PLAP, CD30.

Specifications:

Clone:	AE1&AE3
Source:	Mouse
Isotype:	IgG1k
Reactivity:	Human , mouse, rat, rabbit, monkey, cow, dog, chicken
Immunogen:	Human epidermal keratin
Localization:	Cytoplasm
Formulation:	Antibody in PBS pH7.4, containing BSA and ≤ 0.09% sodium azide (NaN3)
Storage:	Store at 2°- 8°C
Applications:	IHC, Flow Cyt., ICC/IF, WB

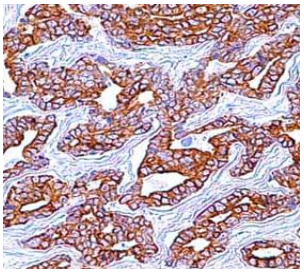
Package:

Description	Catalog No.	Size
Cytokeratin [AE1&AE3] Concentrated	MC0115	1ml
Cytokeratin [AE1&AE3] Prediluted	MC0115RTU7	7ml

IHC Procedure*:

Positive Control Tissue:	Tissue with epithelial cells (e.g. Cervix, GI track, skin, tonsil)
Concentrated Dilution:	100-300
Pretreatment:	Tris EDTA pH9.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
Incubation Time and Temp:	30-60 minutes @ RT
Detection:	Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.



FFPE human colon stained with anti-CK [AE1&AE3] using DAB

References:

1. Aberrant nonfibrotic parenchyma in idiopathic pulmonary fibrosis is correlated with decreased ß-catenin inhibition and increased Wnt5a/b interaction. Rydell-Törmänen K, et al. Physiol Rep 4:N/A, 2016.
2. Tenfibgen ligand nanoencapsulation delivers bi-functional anti-CK2 RNAi oligomer to key sites for prostate cancer targeting using human xenograft tumors in mice. Trembley JH, et al. PLoS One 9:e109970, 2014.
3. Combined fiber modifications both to target a(v)ß(6) and detarget the coxsackievirus-adenovirus receptor improve virus toxicity profiles in vivo but fail to improve antitumoral efficacy relative to adenovirus serotype 5. Coughlan L, et al. Hum Gene Ther 23:960-79, 2012.

Orders: customercare@medaysis.com Support: techsupport@medaysis.com Tel: 510-509-3153 www.medaysis.com