Monoclonal Antibody
Catalog No. CEC-045

For research use only.
Not for use in diagnostic procedures.

Anti-Cytokeratin8 (CK8) antibody

Clone	Cross reactivity	Application notes	Host	Isotype	Storage
6F4F8	Hu, Mk, Ms, Rat	WB, ICC, IHC	Rat	IgG1, κ	-20°C

BACKGROUND : Recently, it could be shown that the induction of CK 8/18 expression in non-malignant buccal mucosa cells resulted in a significant change of phenotypic characteristics after CK 8/18 transfection. These changes include an increased cellular motility, which might give first hints for an increased tumour aggressiveness and poor patient prognosis.

Immunogen Synthetic peptide corresponding to the C-terminal 12 aa (aa 479 - 490) of mouse CK8, CKLVSESSDVVSK

Host Rat
Isotype IgG1, κ
Cross reactivity Human, Monkey, Mouse, Rat
Other species have not been tested.
Specificity CK8
Application notes Recommended use
WB, ICC, IHC Not tested for other applications.
Recommended dilutions
Western blotting, 1/1000 to 1/5000
Immunocytochemistry, 1/100 to 1/500
Immunohistochemistry, 1/100 to 1/500
Optional dilutions/concentrations should be determined by the end user.

Source Culture Supernatant
Purification Ion-exchange chromatography
Form Liquid
Presentation Purified monoclonal antibody in PBS, 50% Glycerol, 0.05%w/v ProClin300
Concentration 0.5 mg/mL
Volume 200 μL
Storage Store below -20°C
(below -70°C for prolonged storage)
Aliquot to avoid cycles of freeze/thaw.

References 1) *Toxicology and Applied Pharmacology* , (2010) 242:47–55.
2) *TOXICOLOGICAL SCIENCES* ,(2011) 119: 61–72.
This antibody is used in ref.1 and 2.

Data

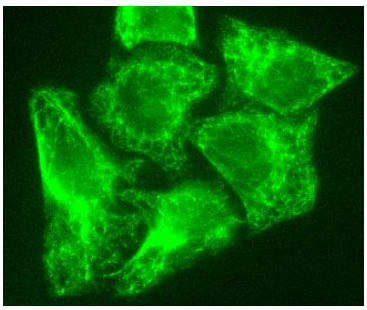

Fig.1 Immunocytochemistry/Immunofluorescence
- Cytokeratin8 (CK8) antibody (6F4F8)
HeLa cells

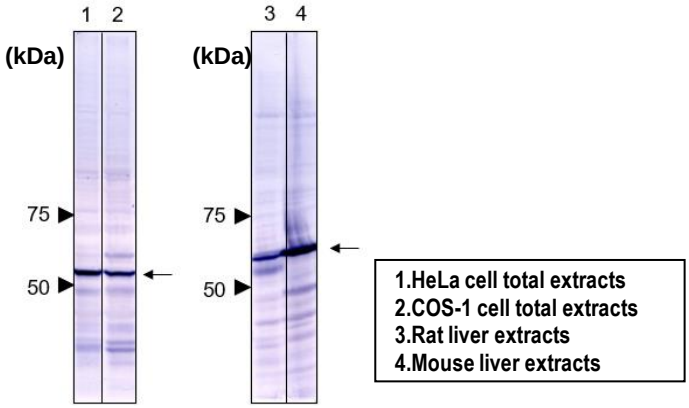

Fig.2 Western blot - Cytokeratin8 (CK8) antibody (6F4F8)
1. HeLa cell, 2. COS-1 cell, 3. rat liver, 4. mouse liver total extracts

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