

**Antibody to Cytokeratin 8 (1E8-C6-B4)**
MOUSE MONOCLONAL

Catalog Number: AB-V50
Quantity: 100 micrograms
Format: PBS (0.14 M Sodium Chloride; 0.003 M Potassium Chloride; 0.002 M Potassium Phosphate; 0.01 M Sodium Phosphate; pH 7.4), no preservative.
Host: Mouse
Isotype: IgG2b
Clone: 1E8-C6-B4
Immunogen: C-terminus (amino acids 472-483) of human Cytokeratin 8

Background: Cytokeratin 8 is an intermediate filament protein that typically pairs with cytokeratin 18 to form part of the cytoskeletal network in simple epithelial cells. It is expressed on the surface of intact hepatocytes, hepatocellular carcinoma cells, and certain breast cancer cells. Antibodies specific to cytokeratin 8 can be used to identify and study these cell types in both research and diagnostic applications.

Specificity & Preparation: This IgG2b mouse antibody is generated against against the C-terminus (amino acids 472-483) of human Cytokeratin 8.

Usage: Applications include western blot, immunoprecipitation, and immunofluorescence. Working dilutions must be determined by end user.

Storage: Store antibody at -20°C for one year. Avoid repeated freezing and thawing. Gently spin down material 5-10 seconds in a microfuge before use.



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Selected References:

1. Hembrough TA, Li L, Gonias SL (1996) Cell-surface cytokeratin 8 is the major plasminogen receptor on breast cancer cells and is required for the accelerated activation of cell-associated plasminogen by tissue-type plasminogen activator. J Biol Chem 271(41):25684-25691. doi: 10.1074/jbc.271.41.25684 PMID: 8810346

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