

Type II Cytokeratins Recombinant Rabbit Monoclonal Antibody Product Datasheet

Catalog# BX50053

Clone# BP6058

Predicted Molecular Wt: 66/65/64/57/62/60/51/54kDa

Purity: ProA affinity purified IgG

Species Cross-reactivity: Human

Form: Liquid

Applications: IHC-P

Background:

The keratins are the typical intermediate filament proteins of epithelia, showing an outstanding degree of molecular diversity. Heteropolymeric filaments are formed by pairing of type I and type II molecules. In humans 54 functional keratin genes exist. They are expressed in highly specific patterns related to the epithelial type and stage of cellular differentiation.

This antibody can detect high molecular weight CK1, CK2, CK3, CK4, CK5, CK6, CK7 and CK8. It is usually used in a cytokeratin cocktail with type I cytokeratins antibody.

Subcellular location:

Cytoplasm

Recommended method:

Heat induced epitope retrieval with Tris-EDTA buffer (pH 9.0), primary antibody incubate at RT (18°C-25°C) for 30 minutes.

Immunogen:

Synthetic peptide corresponding to Type II Cytokeratins residues within aa300-400 of Type II Cytokeratins was used as an immunogen.

Storage Buffer:

PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.

Storage conditions:

-20°C

Storage instructions:

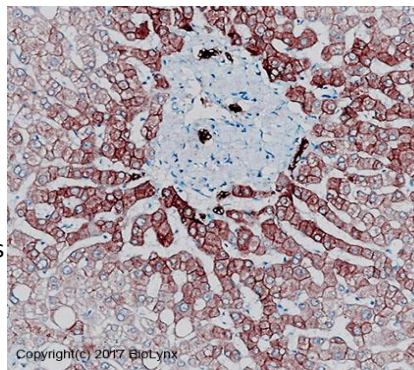
Shipped on blue ice. Upon delivery, aliquot, and store at -20°C. Avoid freeze / thaw cycles.

Recommended Dilutions:

IHC-P: 1:100-1:200

Background References:

1. Spagnolo DV, et al. Am J Clin Pathol. 1985 Dec;84(6):697-704.
2. Eichner R, et al. J Cell Biol. 1984 Apr;98(4):1388-96.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections analysis of liver tissue labelling Type II Cytokeratins with BP6058. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9.0

Product QC'd by:



For research use only. Not for use in diagnostic or therapeutic applications.