



## Cytokeratin 18 (phospho Ser33) Monoclonal Antibody

Catalog No         BYmab-03050           Isotype         IgG           Reactivity         Human;Mouse;Rat           Applications         WB           Gene Name         KRT18           Protein Name         Keratin type I cytoskeletal 18           Immunogen         The antiserum was produced against synthesized peptide derived from human keratin 18 around the phosphorylation site of Ser33. AA range:1-50           Specificity         Phospho-Cytokeratin 18 (S33) Monoclonal Antibody detects endogenous levels of Cytokeratin 18 protein only when phosphorylated at S33.           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.           Source         Monoclonal, Mouse,IgG           Purification         The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB 1:500-2000           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         KRT18; CYK18; PIG46; Keratin; type I cytoskeletal 18; Cell proliferation-inducing gene 46 protein; Cytokeratin-18; CK-18; Keratin-18; K18           Observed Band         47kD           Cell Pathway         Cytoplasm, perinuclear region. Nucleus, nucleolus.           Tissue Specificity         Expressed in colon, placenta, liver		
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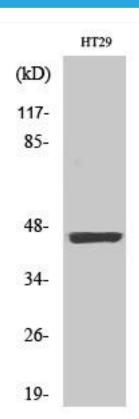






	Phosphorylation increases by IL-6.,PTM:Proteolytically cleaved by caspases during epithelial cell apoptosis. Cleavage occurs at Asp-238 by either
Background	KRT18 encodes the type I intermediate filament chain keratin 18. Keratin 18, together with its filament partner keratin 8, are perhaps the most commonly found members of the intermediate filament gene family. They are expressed in single layer epithelial tissues of the body. Mutations in this gene have been linked to cryptogenic cirrhosis. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## **Products Images**



Western Blot analysis of various cells using Cytokeratin 18 (phospho Ser33) Monoclonal Antibody

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