


Product datasheet

Anti-Cytokeratin 8 antibody [24] ab80661

1 Image

Overview

Product name	Anti-Cytokeratin 8 antibody [24]
Description	Mouse monoclonal [24] to Cytokeratin 8
Tested applications	Suitable for: WB, ELISA, IHC-P
Species reactivity	Reacts with: Recombinant fragment Predicted to work with: Human 
Immunogen	Escherichia coli expressed recombinant protein corresponding to full length Human Cytokeratin 8.
Positive control	Recombinant Cytokeratin 8.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: 0.02% Proclin Constituents: Tris HCl, Glycine, pH 7.0
Purity	Protein A purified
Clonality	Monoclonal
Clone number	24
Isotype	IgG2a

Applications

Our [Abpromise guarantee](#) covers the use of **ab80661** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

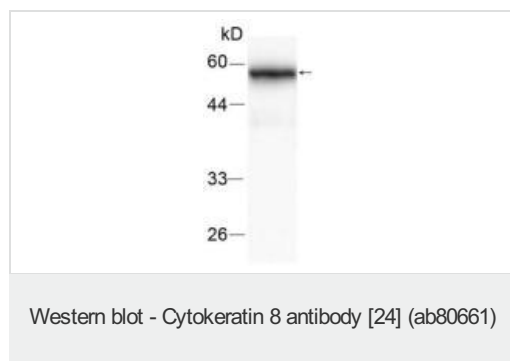
Application	Abreviews	Notes
WB		1/1000. Detects a band of approximately 54 kDa (predicted molecular weight: 54 kDa).
ELISA		Use at an assay dependent concentration.

Application	Abreviews	Notes
IHC-P		Use at an assay dependent concentration.

Target

Function	Together with KRT19, helps to link the contractile apparatus to dystrophin at the costameres of striated muscle.
Tissue specificity	Observed in muscle fibers accumulating in the costameres of myoplasm at the sarcolemma membrane in structures that contain dystrophin and spectrin. Expressed in gingival mucosa and hard palate of the oral cavity.
Involvement in disease	Cirrhosis
Sequence similarities	Belongs to the intermediate filament family.
Post-translational modifications	Phosphorylation on serine residues is enhanced during EGF stimulation and mitosis. Ser-74 phosphorylation plays an important role in keratin filament reorganization. O-glycosylated. O-GlcNAcylation at multiple sites increases solubility, and decreases stability by inducing proteasomal degradation. O-glycosylated (O-GlcNAcylated), in a cell cycle-dependent manner.
Cellular localization	Cytoplasm. Nucleus, nucleoplasm. Nucleus matrix.

Images



Anti-Cytokeratin 8 antibody [24] (ab80661) at 1/1000 dilution + Recombinant Cytokeratin 8 protein

Predicted band size : 54 kDa

Observed band size : 54 kDa

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