

Anti-Cytokeratin 3 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Rat,Rabbit)
Molecular Weight:	Theoretical: 64 kDa. Actual: 64 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Sample: Raji (Human) Cell Lysate at 40 µg Primary: Anti-Cytokeratin 3 (TMAB-04953) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 64 kD Observed band size: 64 kD
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human Cytokeratin 3
Antigen Species:	Human
Gene ID:	3850
Uniprot ID:	P12035

Research Background

The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in the corneal epithelium with family member KRT12 and mutations in these genes have been associated with Meesmann's Corneal Dystrophy. The type II cytokeratins are clustered in a region of chromosome 12q12-q13. [provided by RefSeq, Jul 2008]

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481