

Anti-Cytokeratin 4 Antibody (1T236)

Product Details

Ig Type:	IgG
Reactivity:	Rat (predicted:Human)
Molecular Weight:	Theoretical: 57 kDa. Actual: 59 kDa.
Clone:	1T236
Purification:	Protein A purified

Applications

Verified Activity:	25 µg total protein per lane of various lysates (see on figure) probed with Cytokeratin 4 monoclonal antibody, unconjugated (TMAB-04955) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.
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:	Recombinant Protein: human Cytokeratin 4 protein (350-480aa)
Antigen Species:	Human
Gene ID:	3851
Uniprot ID:	P19013

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 differentiated layers of the mucosal and esophageal epithelia with family member KRT13. Mutations in these genes have been associated with White Sponge Nevus, characterized by oral, esophageal, and anal leukoplakia. The type II cytokeratins are clustered in a region of chromosome 12q12-q13. [provided by RefSeq, Jul 2008]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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