

## Product datasheet for **TA500214BM**

### Cytokeratin 19 (KRT19) Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI3A11]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI3A11
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Recombinant fragment expressed in E.coli corresponding to amino acids 240-390 of human CK19
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	HRP
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	44.9 kDa
Gene Name:	keratin 19
Database Link:	<a href="#">NP_002267</a> <a href="#">Entrez Gene 3880 Human</a> <a href="#">P08727</a>



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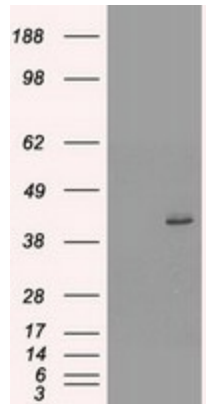
**Background:**

Keratin 19 is a member of the keratin family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. The type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. Unlike its related family members, this smallest known acidic cytokeratin is not paired with a basic cytokeratin in epithelial cells. It is specifically expressed in the periderm, the transiently superficial layer that envelops the developing epidermis.

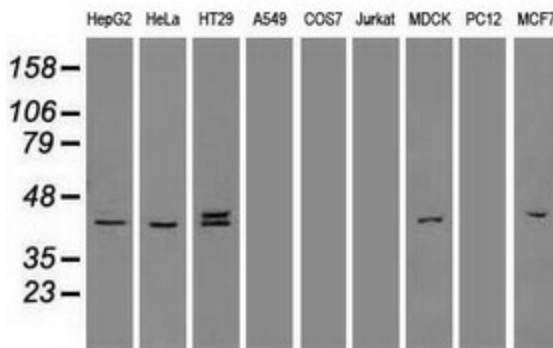
**Synonyms:**

CK19; K1CS; K19

**Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY KRT19 [RC209707], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-KRT19. Positive lysates [LY419428] (100ug) and [LC419428] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-KRT19 monoclonal antibody.