

## Cytokeratin, Basic (Type II or HMW) Antibody

Mouse Monoclonal Antibody [Clone DE-SQ]

Catalog No	Format	Size
MSM29-860-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
MSM29-860-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
MSM29-860-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

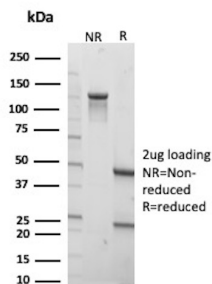
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

### Product Details

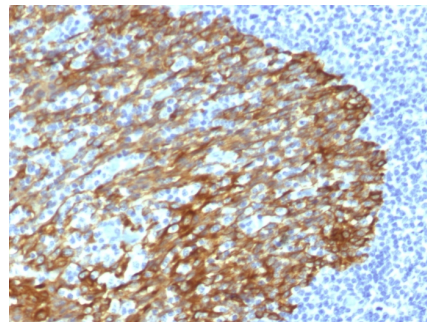
<b>Clone</b>	DE-SQ
<b>Gene Name</b>	KRT76
<b>Immunogen</b>	Cytoskeletal fraction prepared from human gingiva by detergent/salt extraction
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype / Light Chain</b>	IgG1 / Kappa
<b>Mol. Weight of Antigen</b>	50-67kDa
<b>Species Reactivity</b>	Human
<b>Positive Control</b>	Ectocervix or Squamous carcinoma., Esophagus, PC12 cells. Tonsil, prostate, Skin

\*Optimal dilution for a specific application should be determined.

### Product Images for Cytokeratin, Basic (Type II or HMW) Antibody



SDS-PAGE Analysis of Purified Keratin, type II cytoskeletal 2 oral Mouse Monoclonal Antibody (DE-SQ). Confirmation of Purity and Integrity of Antibody.



Formalin-fixed, paraffin-embedded human Tonsil stained with Cytokeratin, HMW Mouse Monoclonal Antibody (DE-SQ).

**Specificity & Comments**

This antibody is specific to cytokeratin 13, 14, 15 and 16. This antibody stains squamous carcinomas and adeno-squamous carcinomas but does not stain adenocarcinoma. This antibody is useful in differential staining of squamous carcinomas from adenocarcinomas and to differentiate benign and malignant tumors of prostate glands.

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**Limitations and Warranty**

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

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**Supplied As**

200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

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**Storage and Stability**

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

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**Research Areas**

Developmental Biology

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