

Product datasheet for **DM361-05**

Cytokeratin 5 (KRT5) Mouse Monoclonal Antibody [Clone ID: XM26]

Product data:

Product Type:	Primary Antibodies
Clone Name:	XM26
Applications:	IHC
Recommended Dilution:	Immunohistochemistry on Paraffin Embedded Sections: 1/50-1/75 (ABC method), Incubation of 30 minutes at room temperature. We suggest an Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10 mM citrate buffer, pH 6.0 prior to immunostaining. Recommended Positive Control: Skin.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Prokaryotic recombinant protein corresponding to 103 amino acid portion of C-terminal region of the Human Cytokeratin 5 molecule
Specificity:	This antibody reacts with Cytokeratin 5 intermediate filament protein. Cellular Localization: Cytoplasmic.
Formulation:	State: Supernatant State: Liquid Culture Supernatant Preservative: < 0.1% Sodium Azide
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	keratin 5
Database Link:	Entrez Gene 3852 Human P13647



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Background:

Basal cells of human epidermis express acidic Cytokeratin 14 and basic Cytokeratin 5. Cytokeratin 5 is a 58 kD protein, which is closely related to Cytokeratin 6. Cytokeratin 5 and 6 are expressed in basal cell epithelioma, basal cells of prostate, urothelium, vagina, squamous cell carcinomas of skin, tongue, epiglottis and rectal-anal region. Cytokeratin 5 can be useful in the distinction of mesotheliomas from most adenocarcinomas.

Synonyms:

KRT5, Cytokeratin-5, Keratin-5, Keratin 5, CK5, K5