



Mouse Anti-Human Cytokeratin 7,
monoclonal

CatNo **K061**

BatchNo: See Label
Expiration Date: See Label
Storage: 2-8°C for 1 month
-20°C for longer

Clone Number:	OV-TL 12/30
Volume/Quantity:	0.5 mg
Product Form:	Supernatant - liquid
Buffer:	Tris Buffer pH 7.3 – 7.7 with 1% BSA
Approx. Protein Concentrations	IgG concentration 1 mg/ml
Preservatives Stabilisers:	0.09 Sodium Azide (NaN ₃)
Immunogen:	Human plasma vWF protein was used as the immunogen for this von Willebrand Factor antibody.
Isotype:	IgG1 (Mouse)
Specificity:	Anti-cytokeratin 7 reacts with proteins that are found in most ductal, glandular, transitional, and biliary duct epithelial cells. Cytokeratin 7 (CK7) labeling can help distinguish between lung, breast carcinomas, and urothelial carcinomas that typically stain positive, and colon and prostate carcinomas that typically lack CK7 expression. CK 7 is a common marker of primary lung adenocarcinomas (almost all cases) with a lower specificity since it is also observed in other primary lung carcinomas and non-pulmonary carcinomas. Anti-cytokeratin 7 has also been useful in the differential diagnosis of ovarian neoplasms. This antibody does not recognize intermediate filament proteins.

Applications:

Suggested Working Dilution

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FlowCytometry	Not tested	
Immunohistology-frozen	Yes	
Immunohistology-paraffin	Yes	1/100 – 1/500
Immunohistology-resin	Not tested	
ELISA	Not tested	
Immunoprecipitation	Not tested	
Western Blotting	Not tested	
Radioimmunoassay	Not tested	

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

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Immunohistology

Positive Control Tissue:	Colon adenocarcinoma
Recommended Secondary Reagents:	F(ab') ₂ rabbit anti-mouse IgG HRP conjugate – (LINARIS CatNo LST0013B) Vectastain [®] ABC Mouse IgG (Vector CatNo AK-5002) and Substrate-Kit e.g. Vector [®] Red (Vector CatNo SK-5100). Vectastain [®] ABC-Elite Mouse IgG (Vector CatNo PK-6102) and Peroxidase Substrate-Kit e.g. DAB (LINARIS CatNo E108) or HistoGreen (LINARIS CatNo E109).
Recommended Negative Controls:	Mouse IgG1 Negative Control (LINARIS CatNo ITC0928)

Storage Conditions:	Store at 2-8°C for one month or at -20°C for longer! Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Shelf Life:	12 months from date of despatch.
Health and Safety Information:	(A full Health and Safety assessment is available upon request) This product contains sodium azide: a POISONOUS and HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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For Research purposes only. Not for therapeutic or diagnostic use.

