



Specification Sheet

Please note
Some information
is Lot dependent.

DAKO RABBIT POLYCLONAL ANTI-DESMIN
CODE NO.: A 0611
LOT NO.: 087

PRESENTATION:	Rabbit antiserum to chicken smooth muscle desmin, whole serum. Contains 15mM sodium azide. Total protein concentration is 55.2 mg/ml (Lowry method, Bovine Albumin Standard).
ANTIGEN:	Desmin was isolated from chicken gizzard by a modification of the procedure of Huiatt et al (J Biol Chem 1980;255:6981).
REACTIVITY:	Both striated and smooth muscle cells are labelled by rabbit anti-desmin. In striated muscle, Z-lines of skeletal muscle and Z-lines and intercalated discs of cardiac muscle are stained.
SPECIMENS:	Frozen tissue or tissue fixed in ethanol, B-5, or in Bouin's fixative. Formalin fixed tissue not recommended as tissue desmin is particularly susceptible to denaturation by formalin.
APPLICATIONS:	Marker for use in typing soft tissue sarcomas; identification of desmin in rhabdomyosarcomas and leiomyosarcomas to distinguish from other, vimentin positive sarcomas.
RECOMMENDED DILUTIONS:	1:200-1:250 (10-minute incubation using the LSAB technique). Staining at highest dilution possible will avoid nonspecific staining of epithelial tissue by low titers of naturally occurring cytokeratin antibodies present in all rabbit sera.
NEGATIVE CONTROLS:	Nonimmune rabbit serum, diluted to give protein concentration identical to that of diluted A0611 (Protein concentration of DAKO X0902 is 52 mg/ml).
LIMITATIONS:	Although desmin is a specific marker for muscle tissue, not all muscle tissue contains desmin (aorta smooth muscle); some muscle tissue, as well as certain muscle tissue-derived tumors, contains vimentin also. Staining for desmin will not differentiate sarcomas derived from either smooth or skeletal muscle; for this differentiation we suggest use of antibody to myoglobin (Code No. A0324).
STORAGE:	Store at 2-8°C. FOR RESEARCH USE ONLY. Not for use in diagnostic procedures.

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