

Monoclonal Antibody to Fibroblasts - Supernatant

Alternate names:	Fibroblast Marker, Fibroblasten
Catalog No.:	DM197
Quantity:	1 ml
Background:	A fibroblast is a connective-tissue cell of mesenchymal (somewhat undifferentiated) origin that secretes proteins from which the extracellular fibrillar matrix of connective tissue forms. Epithelial cells are cells that cover the surface of the body and line its cavities.
Host / Isotype:	Mouse / IgG1
Clone:	5B5
Immunogen:	BALB/C mice were injected with human prolyl 4-hydroxylase.
Format:	State: Liquid Tissue Culture Supernatant containing 0.09% Sodium Azide as preservative.
Applications:	Immunohistochemistry on Frozen Sections: 1/25-1/50 dilution in an ABC method. We suggest an incubation period of 30 minutes at room temperature. Recommended positive control: tonsil. Antibody DM197 is not suitable for paraffin tissue sections. According to customer information, this antibody can be used in FACS (requires permeabilization of cells). Does not crossreact with mouse cells in FACS. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody is specific to beta subunit of prolyl 4-hydroxylase. It reacts with fibroblasts and myoepithelial cells. This antibody does not stain lymphocytes, monocytes, dendritic cells and granulocytes. Cellular localization: Cytoplasmic. Species: Human. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Hoyntya et al. Eur J Biochem 141: 477, 1998. 2. Janin et al. Clin Exp Rheumatol 8: 237, 1990. 3. Koivu et al. J Biol Chem 262:6447, 1987.