

Antigen distribution: **Isolated cells:** The antigen is found in the cytoplasm of fibroblasts and fibroblast cell lines.

Tissue sections In all organs tested so far, the antigen is expressed in connective tissues which form a supporting network between parenchymal cells (see table below). Thus, the supportive mesenchymal structures of larger vessels can be studied. In spleen, a very clear delineation of red and white pulp is obtained. Capsule, sinuses, follicles, paracortex and medullary cords are also clearly delineated in lymph nodes.

Reactivity of ER-TR7 with various non-lymphoid organs of the mouse

Organ	Reactivity with
Submandibular salivary gland	Interstitial CT ¹⁾²⁾ between acini
Stomach	Lamina propria, CT of muscularis, serosa
Small intestine	Lamina propria, CT of muscularis, serosa
Pancreas	Interstitial CT between acini
Liver	Lining of liver cords
Skin	Dermis
Ear	Extracellular matrix of cartilage, dermis
Striated muscle	Interstitial CT between muscle fibres
Cardiac muscle	Interstitial CT between muscle fibres
Tendon	Fibres
Ovary	Connective tissue stroma, tunica albuginea
Testis	Interstitial CT between seminiferous tubuli
Kidney	Glomeruli and interstitial CT between tubuli
Brain	Blood vessels, meninges

¹⁾ CT= connective tissue

²⁾ In tissues tested ER-TR7 reacts with blood vessel walls and capsules

Specificity:

Mouse: Reticular fibroblasts, reticular fibres

Other species: human positive (tonsil), other species not tested.

Selected references

Van Vlieth, E., M. Melis, J.M.Foidart, W. van Ewijk: Reticular fibroblasts in peripheral lymphoid organs identified by a monoclonal antibody, J Histochem Cytochem 34: 883-890 (1986)

For *in vitro* research only. Caution: this product contains sodium azide, a poisonous and hazardous substance.