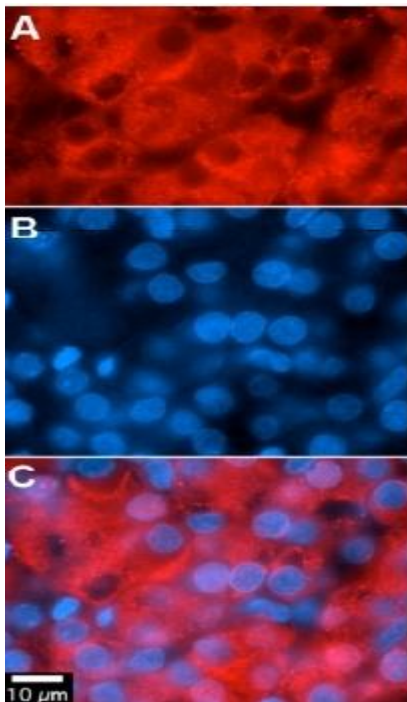


MSRB2 antibody
anti human Methionine Sulfoxide Reductase B2
Rabbit, Polyclonal

Cat. No.	Amount
orb97721	100 µl

For in vitro use only
Quality guaranteed for 12 months
Store at -20°C

Avoid freeze / thaw cycles



Description

Anti-human-MSRB2 (h-Methionine sulfoxide reductase B2) is a rabbit polyclonal antibody that was produced against the recombinant human MsrB2. Methionine sulfoxide reductase B2 (MSRB2) is a mitochondrial enzyme that converts methionine sulfoxide (R) enantiomer back to methionine. This enzyme is suspected of functioning to protect mitochondrial proteins from oxidative damage. Pascual et.al. (2010) report that the retina is one of the human tissues with highest levels of MSRB2 mRNA expression. Other tissues with high expression were heart, kidney and skeletal muscle.

Specificity

Antibody specificity was evaluated by indirect immunofluorescence and western blotting. Western blot of 50µg protein of the human oral mucosa, parathyroid and thyroid gland revealed in each case the protein band of the 17kDa MsrB2. Anti-MSRB2 is without crossreactivity to the other human proteins or MSRs (MSRA, MSRB1 and MSRB3). The antibody visualized the MSRB2- immunoreactivity into the cytoplasm of thyroid gland cells (unpublished Fig. A). The nuclei are stained with DAPI (Fig.B). In Fig. C is merged A and B.

Form

Liquid. Supplied as serum, preserved in glycerol (50% saturation)

Application

Anti-human MsrA can be used for Western blot, ELISA and Immunocytochemistry.



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