

Anti-MMP17 Antibody (1E489)

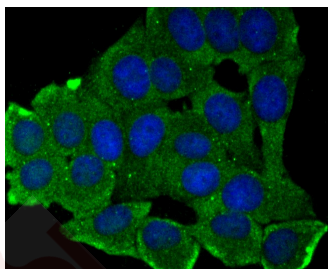
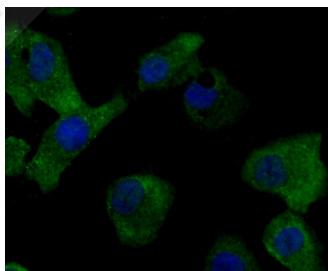
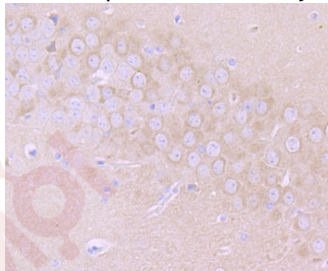
Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 67 kDa.
Clone:	1E489
Purification:	ProA affinity purified

Applications

Verified Activity:

1. Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-MMP17 antibody. Counter stained with hematoxylin.
2. ICC staining MMP17 in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.
3. ICC staining MMP17 in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Application:	ICC,IF,IHC,WB
Recommended	IHC: 1:50; ICC: 1:50

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein: human MMP17 aa 1-250

Antigen Species: human

Uniprot ID: Q9ULZ9

Synonyms: Matrix metalloproteinase 17;Matrix metalloproteinase 17 membrane inserted;Membrane-type-4 matrix metalloproteinase;Membrane type matrix metalloproteinase 4;MTMMP4;MTMMP 4;MMP17_HUMAN;MT4 MMP;MT MMP4;MT4MMP;MT-MMP 4;MT4-MMP;MT MMP 4;Membrane type 4 matrix metalloproteinase;Membrane-type matrix metalloproteinase 4;Matrix metalloproteinase-17;MMP 17

Research Background

Endopeptidase that degrades various components of the extracellular matrix, such as fibrin. May be involved in the activation of membrane-bound precursors of growth factors or inflammatory mediators, such as tumor necrosis factor-alpha. May also be involved in tumoral process. Cleaves pro-TNF-alpha at the '74-Ala-|-Gln-75' site. Not obvious if able to proteolytically activate progelatinase A. Does not hydrolyze collagen types I, II, III, IV and V, gelatin, fibronectin, laminin, decorin nor alpha1-antitrypsin.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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