

Estrogen Receptor beta Antibody (PPG5/10)

Tested Species Reactivity	Published Species Reactivity
Human (Hu)	Human (Hu)
Non-human primate (Nhp)	Mouse (Ms)

Tested Applications	Dilution *
Immunofluorescence (IF)	Assay-dependent
Immunocytochemistry (ICC)	Assay-dependent
Immunohistochemistry (Frozen) (IHC (F))	1:20
Immunohistochemistry (Paraffin) (IHC (P))	1:20
Published Applications	Dilution

Immunohistochemistry (IHC) See publications

* Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.

Details	
Catalog Number:	MA1-27412
Size:	500 µL
Class:	Monoclonal
Type:	Antibody
Clone:	PPG5/10
Host / Isotype:	Mouse / IgG2a
Immunogen:	Synthetic peptide corresponding to the C-terminal domain of human oestrogen receptor beta 1 isoform.

Form Information	
Form:	Liquid
Storage Buffer:	tissue culture supernatant
Preservative:	0.1% sodium azide
Storage Conditions:	4°C or -20°C if preferred

Product Specific Information

MA1-27412 detects Estrogen Receptor beta from human and New World primate samples.

MA1-27412 has been successfully used in immunohistochemistry (Frozen and paraffin) procedures. Positive control of ovary suggested.

The MA1-27412 immunogen is a synthetic peptide corresponding to the C-terminal domain of human oestrogen receptor beta 1 isoform.

Store at 4°C or -20°C if preferred. Avoid freeze/thaw cycles.

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General Information

The human ER-beta is a newly discovered estrogen receptor initially cloned and characterized from testis. The size and structure of ER-beta is very similar to ER-alpha with the ligand and DNA binding domains being highly conserved, while the amino terminus which serves as their transactivation domain has diverged significantly. Similar in function to ER-alpha ER-beta binds to estrogen with a high affinity and regulates estrogen specific gene activation through direct interaction with estrogen response elements (ERE's).

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