

## Product Datasheet

### mPGES-1 glutathione dependent prostaglandin E synthase (1ml) GRP12184

Species/Host	Rabbit
Reactivity	Human, Mouse, Rat, Sheep
Predicted Reactivity	Dog, Hamster, Horse
Tested Applications	WB, IHC
Immunogen	Recombinant human purified 6-His mPGES-1 O14684
Form/Appearance	Lyophilized
Storage	Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.
Note	For research use only.
Clonality	Polyclonal
Purity	Serum
MW	17 kDa
Uniprot ID	O14684
Dilution Range	1 : 10 000, human and rat samples (WB) 1 :6 000 on mice samples and in sheep seminal vesicles (IHC)
Application Notes	Additional Information: Antibody is only recognizing mPGES1 not mPGES2 or cPGES. In our hands this antibody works with fresh frozen sections not in paraffin embeded material in IHCmPGES-1 antibody was characterized using spleen tissue from LPS-induced mPGES-1 knock-out and wild type mice. In spleen tissue from wt mice we observed strong positive staining in macrophage-like cells, while there was no staining for mPGES-1 in ko mice. Background: mPGES-1 is an inducible glutathione dependent prostaglandin E synthase that converts cyclooxygenase derived PGH2 into PGE2. Reconstitution: For reconstitution add 1 ml of sterile water.