

Product datasheet for **TA385203M**

S100 beta (S100B) Rabbit Polyclonal Antibody

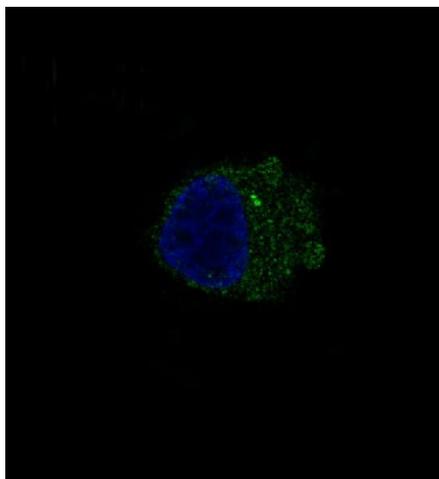
Product data:

| | |
|--------------------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | IF, IHC, IP, WB |
| Recommended Dilution: | WB: 1/500-1/2000 IHC: 1/50-1/200 ICC/IF: 1/50-1/200 IP: 1/50 |
| Reactivity: | Human, Mouse, Rat, Goat |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | A synthesized peptide derived from human S100B |
| Formulation: | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Concentration: | lot specific |
| Purification: | Affinity Chromatography |
| Conjugation: | Unconjugated |
| Storage: | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| Stability: | 1 year |
| Predicted Protein Size: | 11kDa |
| Gene Name: | S100 calcium binding protein B |
| Database Link: | Entrez Gene 6285 Human P04271 |
| Background: | Swiss-Prot Acc.P04271.Despite their relatively small size (8-12 kDa) and uncomplicated architecture, S100 proteins regulate a variety of cellular processes such as cell growth and motility, cell cycle progression, transcription, and differentiation. To date, 25 members have been identified, including S100A1-S100A18, trichohyalin, filaggrin, repetin, S100P, and S100Z, making it the largest group in the EF-hand, calcium-binding protein family. |
| Synonyms: | NEF; OTTHUMP00000174958; S100; S100beta |

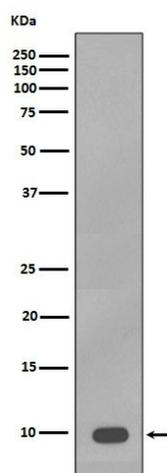


[View online »](#)

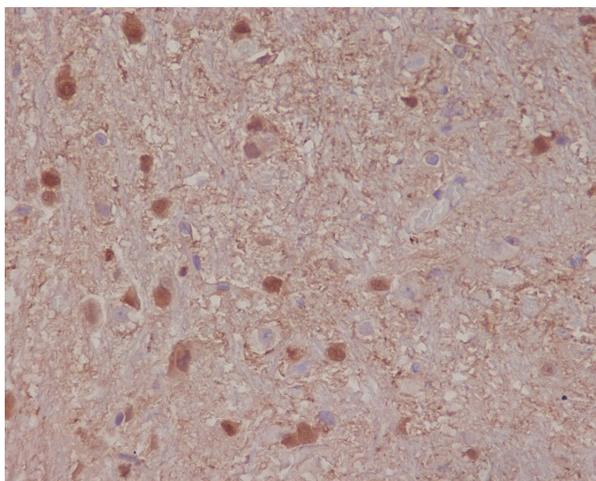
Product images:



Immunofluorescent analysis of A375 cells, using S1B Antibody .



Western blot analysis of S100B expression in A375 cell lysate.



Immunohistochemical analysis of paraffin-embedded rat brain, using S100B Antibody.