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Agrisera AB | Box 57 | SE-91121 Vännäs | Sweden | +46 (0)935 33 000 | www.agrisera.com

Product no AS20 4485

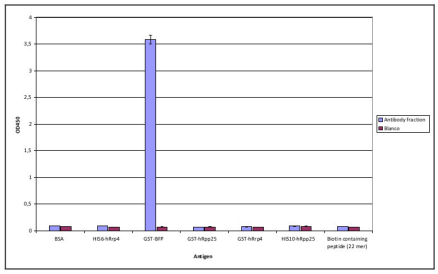
Anti-BFP, GFP, YFP | Fluorescent Protein, clone 3A6

Product information

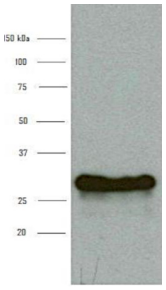
Immunogen	Recombinant EBFP (NCBI accession number AX_766758 REGION: 1-717, expression vector pGEX-1N), expressed in *E.coli*.
Host	Mouse
Clonality	Monoclonal
Subclass/isotype	IgG1
Purity	Immunoglobulin Protein A purified in a 10 mM ammonium bicarbonate buffer, with 2 mg of BSA.
Format	Lyophilized
Quantity	100 µg
Reconstitution	Recommended antibody concentration: 0.5 mg/ml (when dissolved at 0.5 mg/ml, the BSA concentration will be 1%). Recommended solvent; 100 mM PBS or Tris-HCl, pH 7.0 • Additional sodium azide (up to 0.05%) is recommended for long term storage. • For a 0.5 mg/ml antibody concentration in 1% BSA, dissolve in 200 µl buffer.
Storage	Store lyophilized/reconstituted at 2-8°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.

Application information

Recommended dilution	1 : 150-1: 3000 (ELISA), 1 : 500-1 : 5000 (WB)
Confirmed reactivity	BFP, GFP, YFP



Specificity of Anti-Fluorescent Protein Immunoglobulin, clone 3A6, determined by ELISA. Antibody fraction (0.5 mg/ml) 1600X diluted in PBS containing 0,05% tween-20 and 5% non fat dry milk. Antibody was tested on various recombinant protein substrates i.e. BSA, 98% (Sigma), HIS6-hRrp4 (pET15b), GST-hRpp25 (pGEX-2T), GST-hRrp4 (pGEX-2T), HIS10-hRpp25 (pET16b), and a biotin containing peptide (22 mer).



1 µl of a total cell extract from *E.coli*, containing recombinant EGFP (predicted band size 27 kDa) was separated on SDS PAGE and blotted to nitrocellulose membrane. Primary antibody (0.5 mg/ml) was used at a dilution of 1: 1000 in PBS-T (0,05% tween-20) and 5% non fat dry milk. As secondary antibody anti-mouse IgG1 HRP conjugated was used and reaction was visualised with chemiluminescence, following manufacture's recommendations.