

Interchim Innovations

Interbiotech - BioScience Innovations

(Strept)Avidin products

Avidin and streptavidin products are great secondary reagents for detecting biotinylated antibodies, protein or any other kind of target. Interchim selected in its Uptima and FluoProbes ranges the best reagents for most applications.

[Table of key reagents](#) | [Extended list of products](#) | [Technical information](#) | [Related products](#)

Selected (strept)avidin products

●Enzyme label	Streptavidin	Avidin	Neutralized Avidin
HRP	UP395888, 1 mg	35445A, 2 mg	UP36570A, 1 mg
Alk.Phos.	P518498,		
β-Galactosidase	69865A, 1mg		
Glucose Oxidase	11808A, 2mg		
●Fluorescent label (λabs/λem.)	Streptavidin	Avidin	Neutralized Avidin
AMCA (350/450 nm)	FP-79637A, 1 mg	FP-82649A, 2 mg	
FluoProbes 390 (390/479nm)	FP-BM7700, 1 mg		
R-PE (565/576 nm)	FP-77776A, 1 mg		FP-66937A, 1 ml
B-PE (565/576 nm)	FP-79237B, 0.5 mg		
APC (650/661 nm)	79235A, 1 ml		
FITC (494/515 nm)	FP-27713A, 1 mg*2	FP-47489A, 2 mg	73578A, 1 mg
Cy™2 (492/520 nm)	33063A, 1 mg	M0888A, 1 mg	
FluoProbes 488 (493/517 nm)	FP-BA2221, 1 mg	FP-BC6381, 1 mg	FP-BC6391, 1 mg
FluoProbes 480XXL (500/630 nm)	FP-BA6340, 1 mg		
FluoProbes 532A (532/553nm)	FP-CA5590, 1 mg		
Cy™3 (550/570 nm)	09825A, 1 mg	22385A, 1 mg	
TRITC (TetraMethyl Rhodamine)(550/570 nm)	FP-41616A, 1 mg	FP-51851A, 2 mg	FP-M1356A, 1 mg
FluoProbes 547H (557/572 nm)	FP-CA5570, 1 mg		
RRX (Rhodamine Red™)(570/590 nm)	FP-82974A, 1 mg	FP-M0893A, 2 mg	FP-36195A, 1 mg
FluoProbes 565A (563/592nm)	FP-CA5610, 1 mg		
SR101 (596/620 nm)	FP-26276A, 1 mg	FP-47488A, 2 mg	FP-68307A, 1 mg
FluoProbes 647H (653/675 nm)	FP-CA5640, 1 mg		
FluoProbes 682 (690/709 nm)	FP-BE8050, 1 mg		
Cy™5 (650/670 nm)	28407A, 1 mg	97225A, 1 mg	
FluoProbes 782 (783/800nm)	FP-IS1810, 1 mg		
●Other Avidins	Streptavidin	Avidin	Neutralized Avidin
Unlabeled	UP51558C, 5 mg	UP39860D, 5 mg*3	UP25527A, 5 mg
Agarose	UP23559A , 2 ml		

Other labels and ligands available.

Extended list of (strept)avidin products

Please check [All streptavidin reagents](#)

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Featured (strept)avidin products

Uptima Labeled Streptavidin

Uptima

[List⁰](#)

Uptima produces branded high quality enzyme labeled streptavidins and other immunologicals. Biotinylated secondary antibodies are provided as well.

FluoProbes Labeled Streptavidin

FluoProbes

[List⁰](#)

Fluoprobes produces branded high quality fluorescent labeled streptavidin and other immunologicals. Proprietary great FluoProbes labels provide superior results. Conventional labels as available as well.

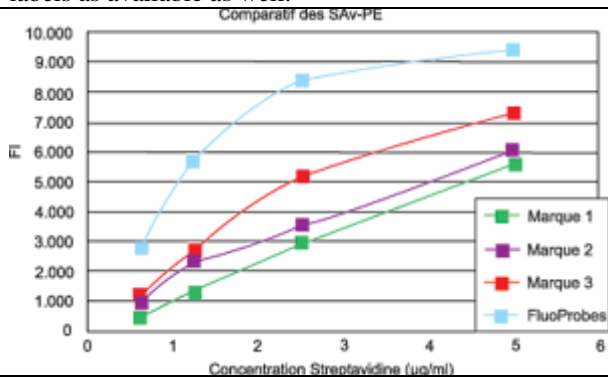
FluoProbes Streptavidin-R-PhycoErythrine

ref. [FP-7776A](#)

Detection of biotinylated products

Optimal Signal to Noise ratio

Ideal in cytometry (excitation à 544 nm / emission 590 nm)



Related products/documents

• See other immunoreagents:

-for [Blotting](#) | [ELISA](#) | [IHC/IF](#) | [MicroArray](#) | [Flow CytoMetry](#) | [Buffers](#) and [Blocking agents](#) |

i.e. [BSA 30% sln](#) and [SeaBlock](#) , RapidBlock, BiotinFree buffers

-Labeled [Secondary antibodies](#) and [primary antibodies](#)

-[Buffers and saturating agents](#).

• All [\(Strept\)Avidin products](#) , [Biotinylation reagents](#), [Labeling kits for antibodies](#) and [Protein labeling kits](#)

• Back to [Products HighLights \(overview\)](#) and on-line [BioSciences Innovations](#) .

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More information on Enzyme labeled secondary antibodies

Peroxidase (HRP) information

Peroxidase (Raifort Horseradish Peroxidase) is one of the most commonly used enzymes for labeling, as it is cheap and versatile. Our peroxidase is selected for its high activity and conjugated to the antibodies following an optimized process, which results in highly sensitive and stable antibodies. HRP reacts with an extensive range of soluble and insoluble substrates (please refer section Enzymes-substrates), standards being TMB for colorimetry in ELISA and blotting, and UptiLight chemiluminescent substrate (BM4961) for higher sensitivity. One of the main problems associated to HRP is non-specific staining resulting from endogenous peroxidase activity in some immunocytochemistry applications.

Immunoperoxidase reagents, are not recommended for tissues or cells in which endogenous peroxidase activity is difficult to suppress. In such cases, other immunoenzyme reagents may be used. Alternatively, anti-horseradish peroxidase (HRP) antibodies conjugated with alkaline phosphatase or fluorophores, or complexed with colloidal gold particles may be used to enhance signal and reduce background from endogenous enzymes, since the final signal does not depend on the enzyme activity of peroxidase, but on the antigenicity of horseradish peroxidase.

Search secondary antibody peroxidase conjugates with [Ab2Search engine](#)
See also [Peroxidase-Anti-Peroxidase \(PAP\)](#) []

Alkaline Phosphatase label (AP) information

Alkaline Phosphatase (AP) is an enzyme, which is isolated from calf intestines. It gives a more linear activity than peroxidase, and is suitable for most immunodetections.

AP is recommended for applications where high levels of endogenous peroxidase are present and for quantitative and sensitive measurements (AP reaction rate is more linear than HRP, the sensitivity can be increased by just allowing the reaction to proceed for longer periods of time).

Recommended substrates for alkaline phosphatase are : BCIP/NBT for blotting and IHC applications (cat.# UP096051) and pNPP for ELISA (cat.# UP732500). The reaction with pNPP allows kinetic readings. Endogenous AP activity found in some samples can be inhibited by levamisole.

Glucose Oxidase (GO) information

The glucose oxidase enzyme (GOx) (EC 1.1.3.4) catalyses the oxidation of glucose to hydrogen peroxide and D-glucono- δ -lactone.

Glucose oxidase is rarely used in immunoassays, but more widely used in enzyme assays for biochemistry including biosensors in nanoT., beside diagnostic applications. Please [check here GO products](#) , and ask if you need GO labeled antibodies.

Acetyl choline esterase (AChE) information

Acetylcholinesterase (AChE) is an enzyme that hydrolyse substrates to produce choline and an acetate group .

AChE is used in immunoassays because of its extremely quick turnover ^(note) , beside other applications.

Please [check here AChE products](#) , and [ask](#) if you need AChE labeled antibodies.

See also [ELISA kits page](#): Cayman kit include AChE labeled antibodies)

Related products

Other [Enzyme substrates](#) [] and [amplification systems](#) [],
for [Western-Blotting](#) [], [ELISA](#) [], [IHC/IF](#) []

Information inquire

Reply by Fax : +33 (0) 4 70 03 82 60 or email at interbiotech@interchim.com

I would like to receive further information on: _____

Title : _____ First name: _____ Surname: _____ Position: _____

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