

EYFP-tag Monoclonal Antibody(Mix)

Catalog No: YM3170

Reactivity: Species independent

Applications: WB;IF

Target: EYFP

Immunogen: Recombinant Protein of EYFP

Specificity: The antibody detects EYFP YFP CFP morange tag fusion proteins. It is also

reactive against GFP tag weakly

Formulation: PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and

50% Glycerol.

Source: Monoclonal, Mouse

Dilution: WB 1:5000,IF 1:300-500

Purification: The antibody was affinity-purified from mouse ascites by affinity-

chromatography using specific immunogen.

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Background: Enhanced Yellow florescent protein. Yellow Fluorescent Protein (YFP) is a

excitation peak is 514nm and its emission peak is 527nm. Like green fluorescent protein (GFP), it is a useful tool in cell and molecular biology, usually explored using fluorescence microscopy. Three improved versions of YFP are Citrine, Venus, and Ypet. They have reduced chloride sensitivity, faster maturation, and increased brightness (product of the extinction coefficient and quantum yield). Typically, yellow FPs serve as the acceptor for genetically-encoded FRET sensors of which the most likely donor FP is mCFP (monomeric cyan FP). The red-shift relative to GFP is caused by a Pi-Pi stacking interaction as a result of the

genetic mutant of green fluorescent protein, derived from Aeguorea victoria. Its

T203Y mutation, which essentially increases the polarizability of the local chromophore environment as well as providing additional electron density into the

chromophore.

Sort : 5796

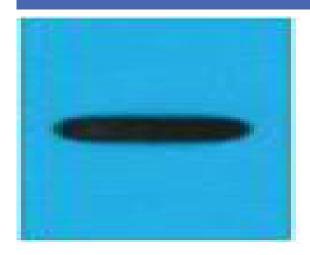


No4: 1

Host: Mouse

Modifications: Unmodified

Products Images



Western blot analysis of recombinant EYFP protein, diluted at 1:10000.