

## CD90 (F15-42-1)

Type	Size	Catalog number
Unconjugated	100µg	101801
	500µg	101803
FITC	25 tests	101814
	100 tests	101815
	200 tests	101816
PE	25 tests	101824
	100 tests	101825
	200 tests	101826
APC	25 tests	101844
	100 tests	101845
	200 tests	101846
Biotin	100µg	101851

**Antigen:** CD90  
**Immunogen:** Unconjugated human brain Thy-1  
**Host/Isotype:** Mouse, IgG1, κ  
**Reactivity:** Human  
**Purity:** >90% pure tested via polyacrylamide gel electrophoresis (PAGE)  
**Formulation:** PBS, pH7.2, 0.09% NaN<sub>3</sub> (unconjugated, Biotin)  
 PBS, pH7.2, 0.09% NaN<sub>3</sub>, 0.2% (w/v) BSA (conjugated)  
**Storage:** Store at 2-8°C and protected from prolonged exposure to light. **Do not freeze.**  
**Applications:** Flow Cytometry

### Application Information

Each lot of these antibodies has been pre-titrated and tested by flow cytometric analysis of Jurkat cell line such that 0.5µg (unconjugated, Biotin) or 5µl (conjugated) of these products are sufficient for staining 1 million cells in a 100µl staining volume or 100µl of whole blood. It is recommended to titrate antibody reactivity empirically for optimal performance.

### Antigen Information

The antibody is directed against Thy-1 present in the human brain, with small amounts present in the kidney. The 23.5kDa a Thy-1 antigen is absent from human thymocytes and peripheral lymphocytes. The thymus, lymph node, and spleen have small populations of Thy-1 positive cells.

### References

1. McKenzie JL, et al. 1981. Brain Res. 230:307.
2. McKenzie JL, et al. 1981. J Immunol. 126:843

### Terms and Conditions

This product is for research use only (RUO) and not intended for diagnostic testing.