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# 30-2930AF-488: Alexa Fluor® 488 Conjugated Anti-alpha-Tubulin Monoclonal Antibody (Clone: YOL1/34)

| | |
|---|---|
| **Clonality :** | Monoclonal |
| **Clone Name :** | YOL1/34 |
| **Application :** | IHC,FACS,WB |
| **Gene ID :** | 7277 |
| **Uniprot ID :** | Q71U36 |
| **Format :** | Purified |
| **Alternative Name :** | TUBA |
| **Isotype :** | Rat IgG2a |
| **Immunogen Information :** | Yeast tubulin |

## Description

The rat monoclonal antibody YOL1/34 recognizes an epitope of alpha-tubulin localized between amino acids 414-422. It has higher affinity for fixed microtubules than for native ones.

## Product Info

| | |
|---|---|
| **Amount :** | 0.1 mg |
| **Purification :** | Purified antibody is conjugated with Alexa Fluor® 488 NHS ester under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography. |
| **Content :** | 0.1mg/ml, Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide |
| **Storage condition :** | Store at 2-8°C protected from light. Do not freeze. |

## Application Note

Immunocytochemistry: Recommended dilution: 2-10 µg/ml

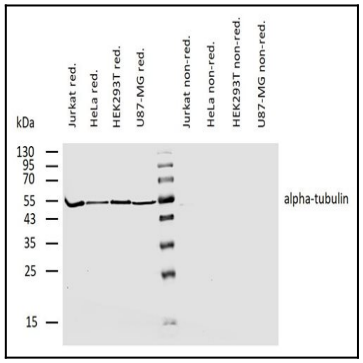



Figure 1: Immunocytochemistry staining of alpha tubulin in HeLa cells by mouse monoclonal antibody YOL1/34 conjugated with Alexa Fluor 488 (4 µg/ml; green).

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