

JAK2(Phospho-Y1007+Y1008) Conjugated Antibody

Catalog No: #C13352



Package Size: #C13352-AF350 100ul #C13352-AF405 100ul #C13352-AF488 100ul
 #C13352-AF555 100ul #C13352-AF594 100ul #C13352-AF647 100ul
 #C13352-AF680 100ul #C13352-AF750 100ul #C13352-Biotin 100ul

Orders: order@signalwayantibody.com
 Support: tech@signalwayantibody.com

Description

| | |
|-----------------------|---|
| Product Name | JAK2(Phospho-Y1007+Y1008) Conjugated Antibody |
| Host Species | Rabbit |
| Clonality | Monoclonal |
| Species Reactivity | Hu, Ms, Rt |
| Immunogen Description | recombinant protein |
| Conjugates | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750 |
| Other Names | 67 kDa cytokeratin antibody CK-1 antibody CK1 antibody Cytokeratin-1 antibody Cytokeratin1 antibody EHK antibody EHK1 antibody Epidermolytic hyperkeratosis 1 antibody EPPK antibody Hair alpha protein antibody K1 antibody K2C1_HUMAN antibody Keratin antibody Keratin type II cytoskeletal 1 antibody Keratin-1 antibody Keratin1 antibody KRT 1 antibody Krt1 antibody KRT1A antibody NEPPK antibody type II cytoskeletal 1 antibody Type II keratin Kb1 antibody Type-II keratin Kb1 antibody |
| Accession No. | Swiss-Prot#:P04264 |
| Uniprot | P04264 |
| GeneID | 3848; |
| Excitation Emission | AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm |
| Calculated MW | 72 |
| Formulation | 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide |
| Storage | Store at 4°C in dark for 6 months |

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

Cytokeratins comprise a diverse group of intermediate filament proteins (IFPs) that are expressed as pairs in both keratinized and non-keratinized epithelial tissue. Cytokeratins constitute up to 85% of a mature keratinocytes in the vertebrate epidermis. Cytokeratins play a critical role in differentiation and tissue specialization, and they function to maintain the overall structural integrity of epithelial cells. The alpha-helical coiled-coil dimers associate laterally end-to-end to form 10-nm diameter filaments. Cytokeratins are useful markers of tissue differentiation, and they aid in the characterization of malignant tumors. Cytokeratin 1 is highly expressed in several malignancies including epithelioid hemangioendotheliomas, angiosarcomas, schwannomas, epithelioid sarcomas and synodal sarcomas. The gene encoding human Cytokeratin 1 maps to chromosome 12q13.13. Mutations in the gene encoding human Cytokeratin 1 lead to abnormal filament associations and epidermolytic hyperkeratosis.

Note: This product is for in vitro research use only