IKB epsilon Conjugated Antibody

Catalog No: #C49630

Package Size: #C49630-AF350 100ul #C49630-AF405 100ul #C49630-AF488 100ul #C49630-AF555 100ul #C49630-AF594 100ul #C49630-AF647 100ul #C49630-AF680 100ul #C49630-AF750 100ul #C49630-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	IKB epsilon Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu
Immunogen Description	Recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	I kappa B epsilon antibody I-kappa-B-epsilon antibody IkappaBepsilon antibody IkB E antibody IkB-E antibody IkB-epsilon antibody IKBE antibody IKBE_HUMAN antibody MGC72568 antibody NF kappa B inhibitor epsilon antibody NF kappa BIE antibody NF-kappa-B inhibitor epsilon antibody NF-kappa-BIE antibody NFkappa BIE antibody NFkappaB inhibitor epsilon antibody NFKBIE antibody Nuclear factor of kappa light polypeptide gene enhancer in B cells inhibitor epsilon antibody OTTHUMP00000016522 antibody Slc35b2 antibody solute carrier family 35, member B2 antibody
Accession No.	Swiss-Prot#:O00221
Uniprot	O00221
GeneID	4794;
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	45 kDa
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

On the basis of both functional and structural considerations, members of the IκB family of proteins can be divided into four groups. The first of these groups, IκB-α, includes the avian protein pp40 and the mammalian MAD-3, both of which inhibit binding of p50-p65 NFkB complex or Rel protein to their cognate binding sites but do not inhibit the binding of p50 homodimer to κB sites, suggesting that the IκB-α family binds to the p65 subunit of p50-p65 heterocomplex through ankyrin repeats. The second member of the IκB family is represented by a protein designated IκB-β. The third group of IκB proteins is represented by IκB-γ, which is identical in sequence with the C-terminal domain of the p110 precursor of NFkB p50 and is expressed predominantly in lymphoid cells. An additional IκB family member, IκB-ε, has several phosphorylated forms and is primarily found complexed with Rel A and/or c-Rel.

Note: This product is for in vitro research use only