

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### Anti-EIF4E Monoclonal Antibody, Clone: [Clone: AFHI-5], Rabbit BOB-M00135

Article Name	Anti-EIF4E Monoclonal Antibody, Clone: [Clone: AFHI-5], Rabbit
Biozol Catalog Number	BOB-M00135
Supplier Catalog Number	M00135
Alternative Catalog Number	BOB-M00135-100UL
Manufacturer	Boster Bio
Host	Rabbit
Category	Antikörper
Application	FC, IHC, IP, WB
Species Reactivity	Human, Mouse, Rat
Immunogen	A synthesized peptide derived from human EIF4E eIF4E, a protein modulates translation of maternal mRNAs in early embryos before the onset of zygotic transcription. eIF4E also influences the overall rate of translation. eIF4E binds to the 7 methyl GTP cap structure of eukaryotic mRNAs. Phosphorylation of eIF4E on serine 209 regulates the affinity of this protein for the 7 methyl GTP cap and/or RNA. Phosphorylation also enhances the interaction of eIF4E with eIF4G, which form a complex known as eIF4F. eIF4E phosphorylation is correlated with increased translational rate in a number of cell types.
Product Description	Boster Bio Anti-EIF4E Monoclonal Antibody catalog M00135. Tested in WB, IHC, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat....
Clonality	Monoclonal
Concentration	0.5mg/ml

Clone Designation	[Clone: AFHI-5]
Molecular Weight	Observed Molecular Weight: 25 kDa. Calculated Molecular Weight: 82785 MW
NCBI	<a href="#">1977</a>
UniProt	<a href="#">P06730</a>
Buffer	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Purity	Affinity-chromatography
Form	Liquid
Target	Eukaryotic translation initiation factor 4E
Application Dilute	WB 1:1000-5000IHC 1:50-200IP 1:30FC 1:40