

bs-13006R**[Primary Antibody]****Ubiquitin D Rabbit pAb****BioSS**
ANTIBODIES

www.bioss.com.cn

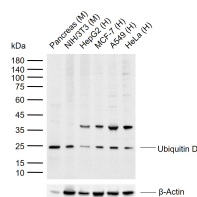
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 10537 Target: Ubiquitin D Immunogen: KLH conjugated synthetic peptide derived from human Ubiquitin D: 55-165/165. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: FAT10, also designated Ubiquitin D or Diubiquitin, is a 165 amino acid protein encoded in the major histocompatibility complex (MHC) that consists of two domains which share significant homology with ubiquitin. Each domain contains two cysteines, along with a free C-terminal diglycine motif required for FAT10 conjugate formation. FAT10 is inducible by interferon- γ and tumor necrosis factor α (TNF α). The FAT10 protein interacts with MAD2, a component of the spindle checkpoint, and plays a role in antigen presentation, cytokine response, apoptosis and mitosis. It may also regulate cell growth during dendritic cell or B cell activation and development. FAT10 mRNA is expressed mainly in some dendritic cells and lymphoblastoid lines and in other specific cells subsequent to interferon- γ induction. The human FAT10 gene, designated UBD, maps to chromosome 6p21.3 and is overexpressed in the tumors of various epithelial cancers.	Isotype: IgG SWISS: O15205 Applications: WB (1:500-2000) Reactivity: Human, Mouse (predicted: Rat, Rabbit, Pig, Sheep, Cow, Dog, Horse) Predicted MW.: 18 kDa Subcellular Location: Cytoplasm ,Nucleus
--	--

— VALIDATION IMAGES —

Sample: Lane 1: Mouse Pancreas tissue lysates
Lane 2: Mouse NIH/3T3 cell lysates Lane 3:
Human HepG2 cell lysates Lane 4: Human MCF-7
cell lysates Lane 5: Human A549 cell lysates Lane
6: Human HeLa cell lysates Primary: Anti-
Ubiquitin D (bs-13006R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at
1/20000 dilution Predicted band size: 18 kDa
Observed band size: 25 kDa